

# VIDUR SINGLA

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MALE

## ACADEMIC QUALIFICATIONS

QUALIFICATION	YEAR OF COMPLETION	INSTITUTION	PERCENTAGE/CGPA
Bachelor of Engineering, Computer Science (4 yrs.)	2017	Thapar University, Patiala	8.37 CGPA
CBSE (Class XII)	2013	Jaspal Kaur Public School, New Delhi	94.8%
CBSE (Class X)	2011	Jaspal Kaur Public School, New Delhi	9.2 CGPA

## ACADEMIC ACHIEVEMENTS

- Entitled to full tuition fee-waiver scholarship for 1<sup>st</sup> and 2<sup>nd</sup> year of college on merit basis.
- Secured the third place in my school in class 12<sup>th</sup> CBSE board examination.

## WORK EXPERIENCE

### PT Teknologi Tujuh Asia (Remote FullStack Developer)

Jan 19 - Present

- Designed and architected the frontend for AI/NLP web in which a flowchart is made depicting various parts of speeches of a sentence. Technologies used were ReactJS and dynamically created SVGs for flowchart.
- Developed the frontend of a Money Lending App using ReactJS.

### Intern Theory Career Solutions (Remote React Developer)

Aug 18 - Dec 18

- Single Handedly developed the frontend of the InternTheory Elearning Platform, where candidates can search for jobs or internships, take up online courses, attempt course quizzes and can watch course related videos using ReactJS.
- Architected the Firebase database and linked it with frontend for sending push notifications.

### Rare Media Company (Full Stack Developer)

Dec 17 - Feb 18

- Worked on the development and enhancement of 2 product dashboards and 1 enterprise dashboard.
- Developed Executive position map which shows the complete route of an executive position using ReactJs and Google Maps Directions API.
- Reduced the loading time of an attendance tracking dashboard which is being used on IGI Airport Delhi from ~30 minutes to ~3 seconds by revamping the complete backend plus frontend architecture.

### Navgurukul (Internship)

Jan 17 - Jul 17

- Taught 15+ underprivileged students fundamentals of programming languages in Python along with basic web development in HTML, CSS and JavaScript.
- Developed course modules for self-learning of AngularJs, Python, HTML/CSS and Javascript in Hinglish.
- Developed MVP of the saral, e-learning platform in *Angular2/4*.

## PORTFOLIO

PROJECTS	DURATION	JOB ROLE	TECHNOLOGIES
<b>Yeteh   Travel Planner</b> <a href="http://yeteh-dev.herokuapp.com">http://yeteh-dev.herokuapp.com</a> <i>Freelance project for Mumbai based company. Where you can easily plan your next trips itinerary.</i>	Feb 19 - Mar 19	<ul style="list-style-type: none"> <li>- Developed the trip planner app from scratch plus the frontend architecture of the complete web app.</li> <li>- Created a scratch map using Leaflet and GeoJSON that represents a list of places travelled.</li> <li>- Used DnD for changing the order of days/activities.</li> <li>- Used google places autocomplete API for location results.</li> <li>- Linked google directions service to show route between various days/activities.</li> <li>- Used material UI for designing of components.</li> <li>- Made responsive designs.</li> </ul>	<ul style="list-style-type: none"> <li>- ReactJS</li> <li>- Material-UI</li> <li>- Redux</li> <li>- Google Places API</li> <li>- Google directions API</li> <li>- Leaflet</li> <li>- React DnD</li> </ul>
<b>ShreeShyam Apparels</b> <a href="https://shreeshyams.com">https://shreeshyams.com</a> <i>Project for a Ludhiana Based garment manufacturer. Helped them automate the accounting and jacket manufacturing process.</i>	Nov 18 - Jan 19	<ul style="list-style-type: none"> <li>- Developed the complete backend using NodeJS and Hapi.</li> <li>- Also, developed the FrontEnd using ReactJS.</li> <li>- Deployed the MySQL database on amazon RDS.</li> <li>- Deployed the backend and frontend on amazon EC2 instance using nginx and PM2.</li> </ul>	<ul style="list-style-type: none"> <li>- Hapi</li> <li>- Swagger</li> <li>- Nginx</li> <li>- Joi</li> <li>- Boom</li> <li>- ReactJS</li> <li>- Material-UI</li> <li>- Redux</li> </ul>
<b>Intern Theory</b> <a href="https://www.interntheory.com">https://www.interntheory.com</a> <i>Freelance project for Mumbai based internship/job searching platform. Also, an E-Learning platform for students.</i>	Jul 18 - Oct 18	<ul style="list-style-type: none"> <li>- Developed the job/internship search portal from scratch plus the frontend architecture of the complete web app.</li> <li>- Used Firebase for developing a real time course-forum. Where students can ask questions and can be answered by other users.</li> <li>- Developed an E-Learning platform from ground up, where candidate can purchase courses and learn them.</li> </ul>	<ul style="list-style-type: none"> <li>- ReactJS</li> <li>- Material-UI</li> <li>- Redux</li> <li>- Firebase</li> </ul>
<b>Aquaplot</b> <a href="https://www.aquaplot.com/explorer">https://www.aquaplot.com/explorer</a> <i>Freelance project for Germany based maritime navigation platform having any to any routing and voyage calculation. Google Maps plus more for maritime system</i>	May 18 - Oct 18	<ul style="list-style-type: none"> <li>- Worked on integrating Maps API to track vessel positions.</li> <li>- Integrated Firebase with the app to handle real time updates in information.</li> <li>- Developed generic components that can be used across web app like generic modals, forms, drawers etc.</li> <li>- Developed other basic modules for updating the company information and handling of company specific data using fully customisable forms.</li> </ul>	<ul style="list-style-type: none"> <li>- ReactJS</li> <li>- Material-UI</li> <li>- Redux</li> <li>- Firebase</li> </ul>

<b>Trailing Crypto</b> <a href="https://www.trailingcrypto.com/">https://www.trailingcrypto.com/</a> <i>Freelance project for Delhi based universal Cryptocurrency trading platform. A person having accounts on different exchanges can use only one platform for trading on all of them.</i>	Mar 18 - Apr 18	<ul style="list-style-type: none"> <li>- Wrote robust algorithms for Stop/Loss, Market Sell and other popular order methods used in crypto trading for exchanges that didn't support them yet.</li> <li>- Linked different exchanges like Poloniex, Kraken, Cobinhood etc with the platform.</li> <li>- Designed UI elements using Bootstrap and CSS3.</li> </ul>	<ul style="list-style-type: none"> <li>- VanillaJS</li> <li>- Bootstrap</li> <li>- CSS3</li> </ul>
<b>Flexiple Resume App</b> <a href="https://resume.flexiple.com/">https://resume.flexiple.com/</a> <i>Freelance project for Flexiple where freelancers can create Resume and share it with potential clients.</i>	Feb 18 - Mar 18	<ul style="list-style-type: none"> <li>- Developed the frontend of the web app where a user can upload all his professional career information and share it with other potential employers.</li> <li>- Also, deployed the app using Nginx and AWS.</li> </ul>	<ul style="list-style-type: none"> <li>- ReactJS</li> <li>- Typescript</li> <li>- ImmutableJS</li> <li>- Less</li> <li>- Ant Design</li> <li>- Nginx</li> <li>- AWS</li> </ul>
<b>Timdaa, Rare Media Company</b> <a href="https://timdaa.agastya.guru/">https://timdaa.agastya.guru/</a> <i>Field force management application for tracking attendance and daily work cycles of times group employees working at IGI Airport Delhi</i>	Nov 17 - Jan 18	<ul style="list-style-type: none"> <li>- Improved the web dashboard by integration and development of new components like the overview page using highcharts and logical bug fixes in overview reports.</li> <li>- Revamped the frontend and backend architecture and was successfully able to reduce the load time from 3 minutes to 3 seconds.</li> </ul>	<ul style="list-style-type: none"> <li>- ReactJS</li> <li>- Highcharts</li> <li>- Google Maps API</li> <li>- Node.Js</li> <li>- Express.Js</li> <li>- MongoDB</li> <li>- Amazon SNS.</li> </ul>
<b>Full View HMS, Star Apps</b> (Hotel Management System)	Oct 17 -Nov 17	<ul style="list-style-type: none"> <li>- Designed the complete architecture of the HMS, how components should be structured, services should be called etc.</li> <li>- Worked on the migration of the previous version of HMS built in <i>AngularJS</i> to a newer version using <i>Angular4</i>.</li> </ul>	<ul style="list-style-type: none"> <li>- Angular2/4</li> <li>-Typescript</li> <li>- HTML</li> <li>- CSS3</li> </ul>
<b>Abstrct, Unrtd</b> <a href="https://staging.abstrct.co/api/docs">https://staging.abstrct.co/api/docs</a> <i>An app for LA based company(http://unrated.co) wanting to upload and share stories(picture articles) with users. Users can share, favourite or archive these stories.</i>	Jul 17 -Sep 17	<ul style="list-style-type: none"> <li>- Developed the single handedly the backend architecture of the API with the help of frontend designs.</li> <li>- Integrated deploybot with Github, Google cloud compute and Nginx for automatic deployment.</li> <li>- Transcoded the uploaded media and uploaded it to Cloudinary using ZenCoder and Cloudinary API's.</li> <li>- Integrated loggly for error reporting.</li> </ul>	<ul style="list-style-type: none"> <li>- Node.JS</li> <li>- Hapi.JS,</li> <li>- Swagger</li> <li>- Sequelize ORM</li> <li>- Mocha &amp; Chai for testing</li> <li>- Nginx, PM2 and Google Cloud Compute for hosting</li> <li>- Cloudinary</li> <li>- ZenCoder</li> <li>- Loggly</li> <li>- Deploybot.</li> </ul>

<p><b>Saral</b>  <a href="http://saral.navgurukul.org/">http://saral.navgurukul.org/</a>  <i>An E-Learning platform by Delhi based NGO (Navgurukul) for underprivileged students where they can learn different courses and submit assignments online.</i></p>	<p>Mar 17 -Jul 17</p>	<p>- Developed the backend API for the platform.  - Added markdown support for adding new courses.  <i>One can add/edit courses on Github in markdown and students can view that course on Angular based frontend.</i>  - Developed the frontend in Angular2/4 using mockups and Material UI for theming.</p>	<p>- Angular2/4  - Typescript  - Node.JS  - Hapi.JS  - Swagger  - Mocha &amp; Chai for testing  - Nginx  - PM2 and Google Cloud Compute for hosting.</p>
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## EXTRA CURRICULAR ACTIVITIES

- **Dramatics-** Secured the first position in inter year competitive English Play (To kill a Mockingbird) in 2013 as a member of Thapar Drama Club (2013-2015).
- Organized coding competitions as **Technical Head of CSI** (Computer Society of India) Thapar Chapter (2015-2016).
- Coordinator of the ISTE (Indian Society for Technical Education), Thapar University (2016).