NAVEEN SAHARAN

ACADEMIC DETAILS

Year	Degree / Board	Institute	Marks
2022	B.Tech in Biotechnology	Indian Institute of Technology, Delhi	6.435
2017	RBSE	GRN Tagore School	92.40
2015	RBSE	Nehru Public School	79.33

CONTACT DETAILS

- **E-mail** *saharan.nvn@gmail.com* **Github** *nvnsaharan*
- **LinkedIn** *Naveen Saharan* **Portfolio** *https://nvnsaharan.netlify.app/*

EXPERIENCE

- **Web Developer, The Hobby Tribe:** *June 2021– Present*
  React.js | Redux | AWS | Antd | UI
  - Developed a video conferencing web application with a team of three with features like **video sharing, video streaming** and **messaging** with advanced features like block, filter and delete to stop bullying and spamming
  - Developed a module to **automate timely class reminders** to registered students on WhatsApp and email
  - Used **Custom API** for scheduling where teachers can schedule private classes and students can book the class based on their preferences
  - Revamped the complete existing platform from Node.js to **React native** and improved its performance
- **Front End Intern, TimeWillTalk:** *February 2021–April 2021*
  React.js | Redux | AWS | Antd | UI
  - Developed a high-performance web application using ReactJS, Redux, React-Router, and Antd
  - Built custom components for UX-Library and Applied styling and layout changes to the existing application
  - Ensured mobile compatibility/responsiveness of full website on all platforms and browsers

PROJECTS

- **Covitify, Cowin vaccine notifier:**
  Node.js | express.js | firebase | nodemailer | SMTP Gmail | cdn-API
  - Created a **covid vaccine availability notifier** to assist friends and family about the vaccines
  - Used Firebase as a database to save user's pin code and email addresses for notifications and later use
  - Used **cdn-API** to check availability at various centers before sending notifications to the user via nodemailer
- **Chess game,** chess game engine with AI**:**
  Python | Pygame | minimax
  - Created a User interface using pygame where the player and AI can move their pieces
  - Implemented rules and limitations for each and every piece of the chessboard
  - Implemented **minimax algorithm** for AI to make the best possible move and used **Alpha-Beta pruning** to improve its performance further by **fifty percent** approximately
- **GrpChat chrome extension:**
  Firebase | UUID | Extensions | Socket.io | Firestore | Reactjs
  - Built extension inspired by Telegram allows users to chat in real-time to share content directly from browsers
  - Implemented rooms with **unique IDs** and **passwords** to make the groups secured
- **My Covid-19 Tracker:**
  React.js | Firebase | Material UI | Leaflet | Chartjs | disease.sh
  - Covid-19 tracker built with React.js and disease.sh API to keep track of covid cases around the globe
  - Used react-leaflet to plot cases on the map and used material-UI for better visualization
  - Used react-chart.js to plot total corona cases, recovered patients, and deaths on a line chart
- **Trendd,** Q&A website**:**
  React.js | Firebase | MongoDb | Nodejs | Pusher
  - Built a Quora-like website and app for IIT students to ask any doubts or questions anonymously or by displaying their name, within the IIT community
  - The website has the following features of like, dislike, comment, share and delete comments. If a post is reported by more than 10 people, it will be automatically removed from the database

TECHNICAL SKILLS

- **Languages and Development**: **Python**, C++, Javascript | **MERN stack**, Redux, Material UI, Bootstrap, firebase
- **Software/Skills**: Data structures and algorithms, Autodesk Inventor, Adobe Photoshop, Adobe illustrator, VS Code, Linux, Firebase, AnyLogic, Blockchain

EXTRA CURRICULAR ACTIVITIES

- **Rendezvous 2019**
  - **Security Executive:** Spearheaded team of 15+ volunteers to successfully organize Pronites and other events over 4d
  - **Marketing Head:** Plan campaigns and developed communications to promote products, services, and event
- **Team Head, Tryst 2019 :** worked in a team of 3, ideated and conducted Guest Lectures and Panel Discussions over a span of 4 days with 10+ renowned personalities