VIKAS SURERA | 19ME10079

MECHANICAL ENGG.(B.Tech 4Y)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	B.TECH	IIT Kharagpur	8.68 / 10
2019	CLASS XII : CBSE	Kendriya Vidyalaya No 1 Sector 30, Gandhinagar, Gujarat	94.2%
2017	CLASS X : CBSE	Kendriya Vidyalaya No 1 Sector 30, Gandhinagar, Gujarat	10 / 10

WORK EXPERIENCES

Full-stack Developer | OneTap [Apr 21 - Jan 22 & Apr 22 - Present]
- Created CI/CD pipeline using Github Action, Docker with automatic slack notifications for **tests** and **deployments**
- Set up **frontend automated UI testing** - build, test and deploy using Jest and Puppeteer with scalable setup
- **Frontend** development - UI/UX (React, Bootstrap) and **backend** development (Express, Node Js, APIs)
- I was part of **product planning** discussions and responsible for the development of new features in production

INTERNSHIPS

Frontend Developer | BitPack [Feb 22 - Jul 22]
- **Flutter** app and web development with **razorpay payment gateway integration**, REST API, Git and Github use
- **React** frontend app and **UI designs implementation** from designs provided via Adobe XD files

Web Developer | Assurance Technologies [Apr 21 - Jun 21]
- **Designed** and **developed** complete website UI and deployed it on Express server on **AWS ec2** (assurancevoice.com)
- Developed **automatic email delivery** on form submission on website using **Simple Email Service** (AWS SES)
- **Developed** a feature for administrators to get all forms submitted on website **directly** into their email inbox

App Developer | Escola Learning Management System [Dec 20 - Jun 21]
- Initiated the work on **flutter** (by Google) apps with tech specs **REST API integration**, **Git** and **Github**
- **Developed** 2 apps where teachers can assign homework to students and students can submit the same
- Implemented **caching** (image, files and data), **UI** and **state management** (used provider package)

POSITIONS OF RESPONSIBILITY

Web & Design Head | Space Technology Student Society | IIT Kharagpur [Aug 21 - Apr 22]
- **Managed** a design and web team of 4 and 5 members respectively to successfully conduct NSSC 2021 online fest
- **Designed** and **developed** the NSSC 2021 fest (with registered participants of **900+**) and spAts websites
- **Led a design team** to create and release audience-engaging posters for the NSSC 2021 (Photoshop &Illustrator)

Sub-Head | Space Technology Student Society | IIT Kharagpur [Aug 20 - Apr 21]
- Responsible for **management** of the spAts and NSSC **website** (design, development and maintenance)
- Successfully designed and developed a quiz platform for **Space Quiz event** with participants of over **350+**
- **Designed** and **developed** NSSC 20**,** a space-themed, user-friendly website on **React**. (nssc-react.web.app)

SKILLS AND EXPERTISE

Programming
Fluent: C++, C, Javascript, HTML, CSS,
Familiar: React, Node, Express, TypeScript, Dart, Flutter, Docker, Git, Github and SolidWorks

Work Ethic, Consistent, Dedication and Curious to discover new areas of interest

EXTRA CURRICULAR ACTIVITIES

BloggerBoy | Founder
- Started a **blogging website** in class 10th for posting informative blogs and later established a team for it
- Further **led** a **team of 8 people** who were assigned different sections, ranging from writing to publishing of blogs
- Team consisted of authors, editors and marketers for writing, publishing and social media marketing of blogs

Sports
- Part of the **gold-winning** athletics team in the Interhall Athletics Tournament IIT Kharagpur 2022
- Bagged the **silver medal** in the 4x400 m relay race in the Interhall Athletics Tournament IIT Kharagpur 2022

Academic Achievements
- Secured **international rank 112** and **zonal rank 15** in Gujarat Region in **National Cyber Olympiad 2019** by SOF
- Secured **rank 79** of the **top 100 National Achievers** of class 12-PCM in **NSTSE 2019** by Unified Council India
- Secured **international rank 102** and **zonal rank 7** in West Bengal Region in **National Cyber Olympiad 2016** by SOF