

# SAHIL NALAVADE

Navi Mumbai

✉ [sahilnalavade25@gmail.com](mailto:sahilnalavade25@gmail.com)

🌐 [Portfolio](#)

🌐 [/sahil-nalavade](#)

🌐 [/SahilNalavade](#)

📞 (+91) 7900163612

## Education

---

### Ramrao Adik Institute of Technology

Jan. 2021 – May 2024

*BTech in Computer Engineering, Spc. Data Science*

## Experience

---

### Larsen & Toubro Defence

Jan 2024 – April 2024

*Machine Learning Intern*

- Applied statistical models and machine learning algorithms, including regression and classification techniques, to predict weekly ticket counts with a 96% accuracy rate, improving resource allocation and planning.
- Optimized and deployed a Django-based news application on Azure, improving performance by reducing response time by 40% and enhancing scalability to handle a 50% increase in user traffic.
- Utilized SQL to extract, analyze, and visualize data insights, creating detailed reports that facilitated informed decision-making for management.

### Freelance

March 2023 – Dec 2023

*Full Stack Developer*

- Developed a dynamic web application from the ground up using Next.js for server-side rendering, Node.js and Flask for back-end logic, and Chakra UI and Ant Design for a responsive user interface, enhancing user engagement by 30%.
- Collaborated with clients to gather requirements, define project scopes, and establish milestones, ensuring project goals were met within deadlines.
- Designed and implemented RESTful APIs, ensuring efficient data exchange between front-end and back-end services, reducing data retrieval times by 20%.

### Vsaurus

June 2021 – Aug 2023

*Co-Founder and Web Developer*

- Led the development of custom web solutions using React.js, Vue.js for front-end, and Node.js, Express.js, MongoDB for back-end, delivering high-quality products tailored to client needs.
- Managed multiple projects, overseeing project timelines, conducting code reviews, and maintaining high-quality standards throughout development.
- Engaged directly with clients from initial consultation through delivery, aligning technical solutions with business objectives to achieve client satisfaction.

## Projects

---

**SignVision** | *Python, Blender, OpenCV, Pygame, Random Forest*

January 2021

- Web-based Augmented Reality sign language teaching app with audible instructions and 3D models.

**Kia Ora** | *MongoDB, Express JS, React JS, Node JS, HTML, CSS, JavaScript, Firebase, Vercel*

November 2020

- Web-based resume and portfolio builder integrating resume, documents, GitHub, LinkedIn, and generating a physical card with a QR code.

## Skills

---

**Languages:** Java, Python, Javascript, HTML, CSS, typescript, C, C++, PHP

**DevOps:** Git, Jenkins, Dockers, Linux, Kubernetes

**Frameworks & Libraries:** React.js, Next.js, Three.js, React Native, Chakra UI, Node.js, Django, Flask, Express.js

**Technical:** API Integration, OpenAI, AWS, Debugging, Azure, Power BI

## Certifications

---

- Harvard Business School (HBS) Online Certificate in Entrepreneurship Essentials Certificate, 2023
- Harvard Business School (HBS) Online Certificate in Sustainable Business Strategy Certificate, 2022
- Harvard Business School (HBS) Online Certificate in Business Analytics Certificate, 2021

## Achievements

---

- Winner of hackathon organized by Teachers Insurance and Annuity Association of America (TIAA), 2023
- Copyright Registered for Computer Software Work (2023)

## Position of Responsibility

---

- Application Development Head at Google Developer Student Clubs (GDSC)
- Technical Design Head at the Institute of Electrical and Electronics Engineers (IEEE)