

# VENKATA VAMSI DEVADULA

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## Education

### Stevens Institute of Technology

*Masters of Science in Computer Science*

September 2022 – December 2023

*Hoboken, New Jersey*

### Indian Institute of Technology, Kharagpur

*Bachelor of Technology in Computer Science and Engineering*

August 2018 – May 2022

*India*

## Technical Skills

**Languages and Frameworks:** Javascript, Python, C++, CSharp, Shell Script, SQL, NoSQL, GraphQL, React.js, React Native, Node.js, Jest, Flask, MongoDB, Redux, Version Control, Bootstrap, Android/iOS, Swift

**Developer Tools:** Amazon Web Services, Firebase, Git, Android Studio, NGINX, Google Cloud Platform, Trello, Postman, Docker, Gitlab, Jenkins, Terraform, Helm, Azure, GCP, ELK Stack, DynamoDB

## Experience

### AIShiksha, Sponsored by Amazon (AWS Inc.)

Dec 2019 – June 2021

*Software Developer*

*India*

- Developed, tested, and maintained application programs of varying degrees of complexity using **React**, **MongoDB**, **Node.js**, **Express.js**, etc., in an Agile environment, writing 3000+ lines of code in **JavaScript** and **Mongoose**.
- Designed and hosted a highly scalable **MongoDB** database in **AWS** with **automated backups** and **auto-fail management**, taking full ownership of the company's database and containerizing the application using **Docker** and **Kubernetes**.

### PlanyticsAI, Inc

April 2021 – July 2021

*Backend Developer*

*India*

- Developed a robust data pre-processing pipeline for the company using **Python**, successfully cleaned and restructured data, and implemented multiple graph algorithms to enhance data parsing accuracy.
- Integrated full-stack modules using **React.js**, **Node.js**, **Firebase**, and **Neo4J** to develop and manage prototype architecture, creating **CI/CD** pipelines using **Jenkins** and Building the whole architecture using **Terraform**.

### Shubu Artificial Intelligence Pvt Ltd

April 2021 – June 2021

*Full-Stack Developer*

*India*

- Built testing frameworks for the backend system and pre-processed data into the required corpus using **Python**.
- Managed development milestones using **Firebase** and **MERN stack** frameworks in a **Test-Driven** environment.

## Projects

### Rappel | React Native, Google Maps API, Firebase, PaperIO

June 2021

- Designed and developed a location-based mobile application using React Native, which achieved 95% accuracy in task reminders for users, improving productivity and ensuring timely completion of tasks

### Dikhu | React Native, JavaScript, Express, Node, Firebase, Google Maps, IBM

January 2021

- Developed an app that gives users the safest shelter around during a Tsunami alert, with the height of the wave getting calculated from the seismograph measures with 98.01% accuracy using IBM ML tools.

### ApnaInsti | React Native

October 2021

- Created a React Native app for IIT Kharagpur students, offering easy access to campus resources like course info, library services.

### Kgpamica | React Native

September 2019

- Created a React Native mobile application for students on my campus to access essential curriculum resources quickly.

## Achievements / Extracurricular

- Gold medal in Tech Hackathon** — Inter IIT Tech (2019), India.
- Appointed as a **Core Tech Developer** for Indian Institute of Technology, Kharagpur.
- Founder of App Development Club**, Indian Institute of Technology, Kharagpur.