VENKATA VAMSI DEVADULA

Jersey City, New Jersey 07303

📞 201-744-4665 ✉ vdevadul@stevens.edu 🔗 linkedin.com/in/vamsi920 🔗 github.com/vamsi920

Education

Stevens Institute of Technology   **September 2022 – December 2023**
Masters of Science in Computer Science   *Hoboken, New Jersey*

Indian Institute of Technology, Kharagpur   **August 2018 – May 2022**
Bachelor of Technology in Computer Science and Engineering   *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.)   **December 2019 – December 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, showcasing adeptness in communication and collaboration skills while taking **full ownership** of the company's database and containerizing the application utilizing **Docker** and **Kubernetes**.

PlanyticsAI, Inc   **April 2021 – July 2021**
Backend Developer   *India*

- Developed a robust data pre-processing pipeline using **Python** and **GraphQL**, ensuring efficient data cleaning, restructuring, and implementation of 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 utilizing Firebase and **MERN** stack frameworks in a **Test-Driven environment**, showcasing strong communication skills and team collaboration.

Projects

Rappel | *React Native, Google Maps API, Firebase, PaperIO*   **June 2021**

- Designed and built 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**

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

Kgpamica | *React Native*   **September 2019**

- Created a React Native mobile application for IIT Kharagpur students 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.