Charan Raj Kandula
Piscataway, NJ | kandulacharanraj@gmail.com | GitHub | in/kandula-charan-raj

SUMMARY

Full Stack Developer with 2+ years of experience building scalable web and mobile applications. Knowledge in UI/frontend and backend designs of web development. I am seeking to leverage my technical skills to contribute to innovative projects.

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | Marlabs LLC | Piscataway,   Sep 2023 – Present

- Leading development of a single-page application using Angular and React frameworks
- Designed frontend UI/UX design optimized for improved user experience
- Implementing data handling, visualization, and mapping with industrial datasets
- Developing backend architecture and RESTful API services using Node.js and Express.js
- Leveraging AWS and Docker for scalable deployment solutions

Research Assistant | Stevens Institute of Technology | Hoboken, NJ   May 2023 – Aug 2023

- Contributed to a research project focused on improving user accessibility across platforms.
- Developed Android, IOS, and web applications to test and validate research insights

Software Developer | Synactive India Private Ltd | Hyderabad, India   Jan 2020 – Jan 2021

- Delivered high-performance software solutions for 10000+ users, improving engagement by 50%
- Implemented features including document view, night mode, and voice assistant
- Collaborated on Android app development, API development using Retrofit, and bug fixing

PROJECTS

Learning Management System | Node.js, Express.js, Handlebars, MongoDB, GridFs Library

- Led a team of 6 to architect and deliver an enterprise LMS platform serving 500+ students
- Built RESTful API backend and managed file storage/streaming with MongoDB and GridFS
- Designed intuitive, mobile-responsive UI/UX with micro-interactions and animations

Solar Construction Management Website | Express.js, Node.js, MongoDB, HTML, CSS, JavaScript

- Designed and implemented an end-to-end web portal for a solar construction firm with 100+ employees
- Developed relational database schema to streamline data flow between cross-functional teams
- Optimized site performance resulting in a 25% increase in page load speed

Church Management Website | Node.js, Bootstrap, MongoDB

- Developed a responsive single-page application with an admin dashboard for content management
- Integrated 3rd-party APIs like the Bible API to dynamically fetch and display content
- Wrote comprehensive technical docs to aid future feature development and maintenance

University Android App | Android Studio, Java, XML, Material Design, Firebase

- Spearheaded development of university app, driving UI design and feature implementation
- Built functionalities including resume builder, GPA calculator, and cloud document storage
- Achieved 10,000+ user downloads, 4.5-star rating, and 50% improvement in user engagement metrics

EDUCATION

Master of Science in Computer Science, GPA: 3.25/4.0   Jan 2022 – May 2023
- Stevens Institute of Technology | Hoboken, NJ
- Relevant Coursework: Web Programming, Java Programming, Python, Android and AI

LEADERSHIP AND CERTIFICATIONS

- Project Management – Managed 2 development teams across 2 concurrent projects using Agile methodology
- Certifications – Java, Python, Angular, Full Stack Development, Android App Development

SKILLS

- **Programming Languages:** Java, Python
- **Web Development:** HTML5, CSS3, JavaScript, TypeScript, Ajax, jQuery, Bootstrap, JSON, RESTful API
- **Frameworks:** NodeJS, Angular, React, Android, XCode, WordPress
- **Server Hosting:** AWS, Firebase, Docker
- **Database:** MySQL, SQL, MongoDB
- **Developer Tools:** Git, GitHub, VS Code, PyCharm, IntelliJ, Android Studio