

Anuvihas S K

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SUMMARY

Computer Science and Business Systems undergraduate with experience in full-stack web development and Android application development. Skilled in Python, Java, Data Structures & Algorithms, Machine Learning (ML), Database Management Systems, Software Design, Debugging, and building reliable and scalable software systems.

EDUCATION

Jansons Institute of Technology <i>Bachelor of Technology in Computer Science and Business Systems, Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Software Engineering</i>	Sep 2023 – Jun 2027
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EXPERIENCE

Web Developer Intern <i>ELGI Equipments L imited</i>	Aug 2024 – Nov 2024
• Worked in Agile teams using Scrum methodology, sprint planning, and user story implementation. • Contributed to digital twinning-related web applications and software solutions. Collaborated with cross-functional teams to deliver iterative software improvements.	
Software Developer Trainee <i>HE5 S olutions</i>	Jul 2025 – Oct 2025
• Developed authentication workflows and backend modules using Python. • Assisted in Single Sign-On (SSO) integration and token-based authentication systems. • Identified and resolved authentication vulnerabilities to improve application security.	

PROJECTS

Multi-Tenant Task Management System React.js, Node.js, PostgreSQL, Docker
• Developed a multi-tenant task management system with secure tenant isolation, JWT authentication, and Role-Based Access Control (RBAC). • Improved deployment reliability and development efficiency by containerizing the application and database using Docker and Docker Compose.
Android Battery Usage Monitoring System Java, Android Studio, Android SDK
• Developed an Android application that identifies battery-draining applications and monitors background-running processes using Android system APIs. • Leveraged Android system APIs and UsageStatsManager to analyze battery consumption and application activity. Enhanced device resource visibility by providing real-time battery usage statistics, background process monitoring, and an intuitive user interface for performance analysis.
Crime Hotspot Dashboard Python, Next.js, Machine Learning
• Developed a full-stack crime analytics dashboard that predicts potential crime hotspots using machine learning models trained on historical crime data. • Integrated predictive analytics with interactive visualizations, enabling users to explore crime trends and hotspot regions through a web-based dashboard.

TECHNICAL SKILLS

Programming Languages: Python, Java
Web Technologies: HTML5, CSS3, React.js, Node.js, REST APIs
Databases & Cloud: MySQL, Firebase, PostgreSQL AWS (EC2, S3, IAM)
Core Computer Science: Data Structures & Algorithms, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Machine Learning (ML), Computer Networks, Software Design

LEADERSHIP & ACTIVITIES

Project Director IEEE Student Branch - Led student project initiatives and coordinated technical activities and project execution. Member
Institution’s Innovation Council (IIC) - Participated in innovation and entrepreneurship initiatives and technical programs.
Hackathon Achievement Shortlisted for the Thoothukudi Police Hackathon for developing a technology solution focused on crime data analysis and hotspot prediction.