

AKASH S VORA

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EDUCATION

University of Maryland, College Park
Masters in Software Engineering

Expected: May 2027
College Park, Maryland

Vasavi College of Engineering, Osmania University
B.E. in Computer Science Engineering; CGPA: 9.78/10 (Gold Medalist)

Jun 2023
Hyderabad, India

- Finalist, Smart India Hackathon 2022
- Winner of the Young Leader Award for the Department of Computer Science and Engineering
- Core Team Member, Google Developer Student Club
- Top 5 – No Code ML, Techfest, IIT Bombay (among 500+ teams)

PROFESSIONAL EXPERIENCE

Technical Consulting Engineer

Aug 2023 – Jul 2025

Cisco Bengaluru, India

- Orchestrated Python automation scripts and a GenAI-based troubleshooting system to assist engineers in log analysis, reducing average issue resolution time by 28%.
- Served as the Automation Ambassador of the team, driving GenAI and automation efforts through innovative software engineering practices, leading to robust solutions and accelerated issue resolution.
- Configured and maintained Cisco IOS XR routers across a complex network, ensuring peak performance and reliability for over 10,000 users; resolved 95% of network incidents within SLA timelines.

Technical Undergraduate Intern

Jan 2023 – Jun 2023

Cisco Bengaluru, India

- Developed an Automated Resource Management System using Angular and Django that improved task allocation efficiency by 35% by assigning tasks based on engineers' skillsets and availability.
- Successfully completed CCNA and Cisco DevNet certifications while interning, demonstrating expertise in networking and automation.

Software Engineer Intern

May 2022 – Aug 2022

S&P Global Hyderabad, India

- Engineered a Data Pipeline Visualization solution by integrating Python APIs with AWS Lambda, automating data workflows, and reducing manual processing time by 67%.
- Built an interactive Angular dashboard for real-time data visualization, enabling stakeholders to access insights 3x faster.

TECHNICAL PROJECTS

Movie Ticket Booking Portal (Team Member – Vasavi College of Engineering) – [Github](#)

Apr 2022 – May 2022

- Designed a user-friendly interface enabling users to book tickets, view, and delete their bookings, with optimized SQL queries reducing retrieval time by 25%.

Delightful Drips: A Smart Irrigation System (Corresponding Author – Vasavi College of Engineering) – [Github](#)

Jan 2022 – Mar 2022

- Created a cost-effective smart irrigation system using Raspberry Pi to control solenoid valves, which automatically sprinkle water when soil moisture falls below 30%, with a real-time dashboard to monitor soil data and irrigation cycles.
- Published at the 2nd International Conference on Cognitive and Intelligent Computing 2022, Springer.

Traffic Signs Classifier (Team Lead – Vasavi College of Engineering) – [Github](#)

Aug 2021 – Sep 2021

- Trained a deep neural network with 95% accuracy on a dataset of 40,000+ traffic sign images, with a Python GUI app that could classify signs in < 1 second response time.

SKILLS & CERTIFICATIONS

Programming Languages: Python, Java, C++, JavaScript, TypeScript, SQL

Web Development: Angular, React, Next.js, Node.js, Django, Spring Boot, FastAPI, Flask, HTML, CSS, Tailwind, Bootstrap, PHP

Database Management: MySQL, MongoDB, PostgreSQL, Redis

Cloud & DevOps: AWS, Docker, Git, CI/CD, REST APIs

AI & ML Technologies: Generative AI, Deep Learning, RAG Pipelines, LLM Integration, LangChain, PyTorch, Scikit-learn, Claude Code,

Core Concepts: Data Structures & Algorithms, Operating Systems, System Design, Linux, Agile Development

Certifications: Generative AI Blue Belt (Cisco, Sep 2024) | Cisco Certified DevNet (Cisco, Jun 2023) | CCNA (Cisco, Apr 2023)