

YOGESH R

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LinkedIn — GitHub — Portfolio

Professional Summary

Aspiring **Software Engineer** with strong foundations in **Python, Java, full-stack development, cloud, distributed systems, and problem-solving**. Experienced in building scalable applications, AI-driven tools, and automation workflows. Skilled in **REST APIs, microservices, API development, Git/GitHub workflows, Agile practices, and data structures**. Passionate about designing efficient systems and delivering impactful engineering solutions.

Education

B.E. Computer Science Engineering (Cybersecurity), Arunai Engineering College *May 2026*
CGPA: 8.5 / 10 (Till 6th Semester)
Relevant Coursework: DSA, DBMS, OOP, OS, CN, Cloud Computing, AI/ML, Distributed Systems
HSC, Govt. Higher Secondary School, Mangalam *2020–2022*
Percentage: 81.17%
SSLC, Govt. Higher Secondary School, Mangalam *2018–2020*
Percentage: 84.2%

Technical Skills

Programming: Python, Java, JavaScript, C, SQL, Bash
Frameworks: React, Node.js, Express.js, Flask
AI/ML: Scikit-learn, NLP, Pandas, Groq AI
Cloud/DevOps: AWS (EC2/S3), API Development, CI/CD basics
Developer Tools: Git, GitHub Workflows, VS Code, Postman, Docker (basic), Agile
Platforms: Linux, Windows

Projects

Mental Health Support System *React, Node.js, MongoDB*

- Developed a scalable mental health platform with mood tracking and AI chatbot support.
- Improved user engagement through personalized insights and interactive dashboards.
- Optimized API response time by **20%** using efficient backend routing.

Spam Email Detector *Python, Scikit-learn, NLP*

- Designed a machine learning model achieving **92% accuracy** on email classification.
- Optimized feature engineering pipeline to reduce inference time by **30%**.
- Processed and cleaned **5K+ email samples** using NLP preprocessing.

AI-Driven SIEM Tool *Python, Flask, Groq AI*

- Built a real-time SIEM dashboard handling **10,000+ log entries**.
- Implemented AI-assisted anomaly detection that improved alert accuracy by **25%**.
- Integrated REST API endpoints and optimized log storage queries for faster retrieval.

Certifications

- IBM Full Stack Software Developer Professional Certificate (Coursera)
- Python Essentials 1 & 2 — Cisco Networking Academy
- JavaScript 1 & 2 — Cisco Networking Academy
- SQL (Beginner & Intermediate) — HackerRank

Internships

Digital Forensics Intern – Alibi Technologies *1 Month*

- Analyzed disk and mobile data using Autopsy and Magnet AXIOM.
- Automated portions of the data extraction workflow using Python scripts.
- Documented recovered digital artifacts to support investigations.