Akash R A

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Summary

Information Science Engineer skilled in full-stack development, cloud computing, and data analytics. Designed scalable applications using MERN, optimized database queries, and developed AI/ML-driven solutions to enhance user experience. Proficient in DevOps, API development, and software testing.

Education

B.E. in Information Science and Engineering   2022-2026
The National Institute of Engineering, Mysore, Karnataka, India
CGPA: 9.05

Pre-University (PUC), Science   2020-2022
Unity PU College, Nanjangud, Mysore
Percentage: 95.67%

10th Standard / SSLC   2019-2020
Unity English Medium High School, Nanjangud, Mysore
Percentage: 97.28%

Technical Skills

- **Programming Languages:** C, Java, Python, JavaScript, TypeScript, HTML, CSS
- **Frameworks & Libraries:** React, Node.js, Flask, Django, Bootstrap
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Jenkins, CI/CD Pipelines
- **Software Development:** API Development, RESTful Services, Agile, Unit Testing, Test Automation, Microservices
- **Cybersecurity & Blockchain:** Cryptography, Ethical Hacking, Blockchain Technology
- **Data Science & AI:** Artificial Intelligence, Machine Learning, Data Visualization (Power BI, Excel)

Professional Skills

- Communication & Teamwork
- Problem-Solving & Critical Thinking
- Agile Project Management
- Leadership & Time Management

Projects

- **Foodie Express – Food Delivery Website** (Oct 2024 - Dec 2024) - Designed and implemented a WebSocket-enabled MERN stack application for real-time food delivery tracking, reducing order delays by 30%.
- **Carz Management System** (Jan 2024 - Mar 2024) - Developed a scalable web-based car management platform using PHP and JavaScript, integrating REST APIs to enhance backend operations.
- **Coffee Day Management System** (July 2023 - September 2023) - Refactored a Java Swing-based GUI system with MySQL integration, optimizing data retrieval efficiency and improving response time.
- **Cryptosafe Image** (Jan 2025 - Feb 2025) - Engineered an AES-powered encryption tool to secure images, reducing the risk of data leakage by 40%.
- **Acura Sales Dashboard** (Nov 2024 - Dec 2024) - Built and deployed an interactive Power BI dashboard for sales analytics, reducing reporting time by 45% and improving data-driven decision making.

Certifications

- Operating Systems and You: Becoming a Power User (Aug. 2024) - Coursera-certified
- Introduction to Artificial Intelligence (Aug. 2024) - Great Learning-certified
- Smart Device and Mobile Emerging Technologies (Nov. 2023) - Google-certified

Achievements

School Topper, 5th in Taluk	Local Community Recognition
Mysore District Bhavsar Kshatriya Community High Scorer	Solved 150+ LeetCode problems

Activities & Interests

Dasara Festival Volunteer (Traffic/Crowd Control)	Portfolio Website (Frontend/AI)
NMMS Exam Tutor (8th Grade)	State-Level Dance/Drawing Prizes

Languages

English	Kannada
Hindi	Marathi