Akash R A

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Summary

Full-stack developer specializing in secure financial applications, fraud detection, and risk assessment. Skilled in MERN, AI/ML, and DevOps, leveraging cloud infrastructure to enhance scalability and security in banking solutions. Passionate about FinTech innovation and blockchain-driven financial security.

Education

B.E. in Information Science and Engineering   2022-2026
The National Institute of Engineering, Mysore, Karnataka, India
CGPA: 8.858

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:** Java, Python, JavaScript, C
- **Finance & Security:** Cryptography, Blockchain, API Security
- **Cloud & DevOps:** AWS, Docker, Kubernetes, Jenkins, CI/CD Pipelines
- **Data & AI:** Machine Learning, Data Analytics (Power BI, Excel)
- **Frameworks:** MERN (MongoDB, Express, React, Node.js), Django
- **Software Development:** API Development, RESTful Services, Agile, Microservices(Basics)

Professional Skills

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

Projects

- **FinTrack – Smart Expense Manager** (Dec 2024 - Feb 2025) - Developed a secure finance management platform enabling users to track transactions, detect fraud patterns, and optimize budget goals. Integrated MERN stack, JWT authentication, and Power BI for advanced financial insights, improving decision-making by 20%
- **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
- Blockchain in Financial Services: Strategic Action Plan (Nov. 2023) - Coursera-certified
- Smart Device and Mobile Emerging Technologies (Nov. 2023) - Google-certified

Achievements

School Topper – Ranked 5th in Taluk   Solved 100+ LeetCode Problems
Mysore District Bhavsar Kshatriya High Scorer (2020)

Activities & Interests

Lead Volunteer – Mysore Dasara Festival Led a 10+ member team in high-pressure event management, ensuring public safety.
NMMS Exam Tutor (8th Grade) Provided academic mentorship in mathematics, helping students prepare for the NMMS exam.
State-Level Dance Drawing Competitor Competed at the state level, demonstrating creativity and artistic excellence.

Languages

English	Kannada
Hindi	Marathi