

Akash Gudipelli

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PROFESSIONAL SUMMARY

Versatile and goal-driven software developer with hands-on experience in Java full stack development, web technologies, and machine learning. Skilled in building scalable applications using Java, Python, React.js, and SQL. Adept at solving real-world problems through efficient code, data-driven insights, and intuitive user experiences. Passionate about delivering impactful tech solutions across domains including web development, software engineering, and AI.

WORK EXPERIENCE

Java Full Stack Intern — QSpiders Apr 2025 – Jul 2025

- Developed and deployed 3 mini-projects using Spring Boot and MVC architecture, improving user experience for simulated clients.
- Optimized SQL queries, reducing backend load time by 25%, and enhanced REST API performance.

Business Growth Analyst — MS Square Technologies Jan 2025 – Apr 2025

- Led a market research campaign across 10+ industries, boosting client acquisition by 15%.
- Automated Excel-based reporting systems, reducing manual workload by 30% and increasing decision-making speed.

PROJECTS

- Crop Price Predictor (ML, Flask)** [Demo](#)
Built a forecasting model using Random Forest and Decision Trees with 82% accuracy. Added real-time weather integration, dynamic dashboards, and regional government scheme data to assist over 100 simulated users.
- Food Recipe Finder (React.js)** [Demo](#)
Delivered a responsive recipe search platform using Edamam API. Implemented ingredient-based filters, calorie tracking, and improved loading speed by 35% with React Hooks and state optimization.
- Crypto Forecast App (LSTM, Python)** [Demo](#)
Achieved 85% accuracy predicting trends for 5 cryptocurrencies using LSTM. Compared KNN and linear models for performance, enabling better investment forecasting through visual analytics.

EDUCATION

2021 – 2025	B.Tech in Computer Science, Brilliant Group of Institutions	(GPA: 7.02/10.0)
2019 – 2021	Class 12 – TSBIE	(84%)
2018 – 2019	Class 10 – SSC	(GPA: 8.8/10)

SKILLS

Languages:	Java, Python, C, C++, SQL, HTML, CSS
Frameworks/Tools:	React.js, Flask, Git, VS Code, Azure, Figma, Adobe Suite
Core Concepts:	OOP, RESTful APIs, Data Structures, Agile, CI/CD, Machine Learning

CERTIFICATIONS

Oracle Java Programming – Oracle Academy (2024):	In-depth certification covering Core Java, OOP concepts, and application structure.
Python Essentials – Cisco Networking Academy (2023):	Mastered Python programming with focus on control flow, data types, functions, and scripting.
NIIT Certification – Magic Bus (2023):	Completed practical training in career skills, employability, and digital productivity tools.