

# Krishnasai Kavuri

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## SUMMARY

Highly motivated Full-Stack Developer with 2.8 years of experience in building and optimizing scalable web and mobile applications. Proficient in **Java, Spring Boot, React** and **Kotlin** with a strong foundation in both backend and frontend development. Adept at improving application performance and reducing deployment times by 40%, and automating CI/CD pipelines and consistently excels in **Agile** environments, driving innovation and continuous improvement.

## EDUCATION

**Southeast Missouri State University, MS in Computer Science (GPA: 3.91/4.0)** **Aug 2023 - May 2025**

*Coursework: Algorithms & Complexity, Data Analytics, RDBMS, Cybersecurity.*

**K L University, BS in Electrical Engineering (GPA: 3.25/4.0)** **Aug 2015– May 2019**

*Coursework: Computer Architecture, Object-Oriented Programming, C & Data Structure*

## SKILLS

- **Languages:** Java, Kotlin, Python, JavaScript, C, C++, SQL, Operating Systems.
- **Frameworks:** Spring Boot, React, React Native, Flutter, Node.js, Express.js, Android SDK, Jetpack
- **Databases:** MySQL, PostgreSQL, MongoDB, SQL Server, NoSQL
- **DevOps & Tools:** Git, GitHub, Maven, Jenkins, Docker, AWS (EC2, S3), Continuous Integration/Continuous Deployment (CI/CD), JUnit, Selenium, Eclipse, API, Linux, PowerShell, Bash, Shell Scripting, Jira.
- **Methodologies:** Agile, Scrum, Software Development Life Cycle (SDLC), Test Automation, Design review.
- **Soft Skills:** Problem-Solving, financial planning, decision-making, ethics, Fusion, Troubleshooting, Cross-Functional.

## EXPERIENCE

**Programmer Analyst - Cognizant Technology Solutions** **Dec 2021 – July 2023**

- Worked as a full-stack web application developer on high-impact Google projects, delivering robust and scalable software solutions.
- Designed RESTful APIs, reducing data retrieval latency by 25% through optimized endpoints.
- Crafted responsive UI with HTML5, CSS3, and JavaScript, ensuring 98% cross-browser compatibility.
- Enhanced MySQL and MongoDB query performance by 30% for 100,000+ daily transactions
- Automated CI/CD pipelines with Jenkins, Maven, and Docker, cutting deployment time by 40% on AWS.
- Led code reviews and JUnit testing, reducing production defects by 20%.

**Programmer Analyst Trainee - Cognizant Technology Solutions** **Dec 2020- Dec 2021**

- Assisted in full-stack development using **Spring Boot, HTML/CSS**, and JavaScript for Google apps.
- Debugged 50+ front-end and back-end components, enhancing application stability by 15%.
- Documented workflows, streamlining onboarding for 5 new developers.
- Collaborated in Agile sprints, mastering Git for version control in team projects.

**Machine Learning Intern - Sri Ganapathi Engineering Works Pvt Ltd** **June 2017 – July 2017**

- Developed Python ML models with Pandas and Matplotlib, achieving 85% accuracy in stock price forecasting.
- Implemented linear regression algorithms, reducing supermarket overstock by 12% for 2,000+ products.
- Created dashboards to visualize trends, enabling data-driven inventory decisions.
- Optimized data pipelines using NumPy and Scikit-learn, improving model training efficiency by 20%.
- Designed automated anomaly detection system, identifying 95% of fraudulent transactions in real-time.

## PROJECTS

**Online E-Book Store | Java, Spring Boot, React.js, Node.js, SQL Server | 2025** [GitHub Link](#)

Developed a full-stack e-bookstore leveraging Java, Spring Boot, Node.js, and React.js, implementing RESTful APIs for managing 1,000+ books and enhancing user browsing efficiency by 20%

**Pet-Adoption App | Flutter, React Native | 2024** [GitHub Link](#)

Developed a cross-platform mobile application for pet adoption using Flutter (Dart) and React Native (JavaScript). The app allows users to browse adoptable pets, apply for adoption, and connect with shelters.

## ACCOMPLISHMENTS

- Best Performer Award, Cognizant Technology Solutions (2022).
- Merit Certificate in C Programming & Data Structures, IIT Bhubaneswar (2019).