ANKIT KRISHNA

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EXPERIENCE

- **Amazon Global Selling [a]**   *September 2022 - December 2023*
  Application Engineer   Bengaluru, India
  ◦ **Production-Ready Code Implementation**: Built robust, production-ready Java backend code with Spring Boot, **maintaining a code maintainability index above 70 and bug density below 10 per 1000 lines** through regular reviews and static analysis using AWS tools.
  ◦ **API Design, Implementation, and Testing**: Designed and implemented **RESTful APIs with Spring Boot**, and conducted comprehensive **API testing using Swagger and Postman**. Monitored and optimized API response times, consistently achieving **sub-200ms latency** for critical endpoints.
  ◦ **Early Bug Detection and Resolution**: Identified and resolved bugs during the development life-cycle, leading to smooth deployments and fewer production issues through effective debugging.
  ◦ **Performance Optimization**: Optimized Java backend code and database interactions with Spring Boot Actuator and AWS CloudWatch, **cutting critical API response times by 30%** and **boosting system efficiency and reliability by 20%** through monitoring request throughput, error rates, and latency.
  ◦ **Deployment and Continuous Improvement**: Contributed to the deployment process by leveraging CI/CD pipelines with AWS CodePipeline and automated build tools like Maven and Gradle.
  ◦ **Test Planning and Strategy Development**: Created detailed test plans for new backend features, ensuring high test coverage **(70–90% automated test coverage)** using JUnit and Mockito. Participated in team discussions to align both backend and UI testing strategies with current and future development goals.

- **Amazon Advertising[a]**   *October 2017 - September 2022*
  Advertising Operations Specialist   Hyderabad, India
  ◦ **Campaign Management**: Enhanced sales performance through strategic advertising initiatives, focusing on click validation and increasing Ad visibility.
  ◦ **Keyword and Ad Optimization**: Optimized keywords and Ad campaigns to improve reach and effectiveness, implementing competitive bidding strategies for maximum ROI.
  ◦ **Process Improvement**: Led process improvement projects with stakeholders, resolving complex issues to enhance advertiser experience and operational efficiency.
  ◦ **Mentorship**: Mentored new associates on advanced processes, optimizing their daily tasks, and significantly boosting the associate performance metrics by **20%** and improving customer satisfaction.

EDUCATION

- **Netaji Subhash Engineering College**   *August 2013 - August 2017*
  B.Tech in Information Technology   Kolkata, India
  ◦ GPA: 7.25/10.00

- **Loyola High School**   *May 2013*
  Senior Secondary School   Patna, India
  ◦ Grade: 76.0%

- **St. Xavier's High School**   *May 2010*
  Secondary Education   Patna, India
  ◦ Grade: 83.0%

SKILLS

- **Programming Languages:** Java, C, JavaScript.
- **Web Technologies:** HTML, CSS, Node.js, React.js, JSON, Wordpress, Spring Boot.
- **Database Systems:** MySQL, PostgreSQL, MongoDB.
- **DevOps & Version Control:** Git, Github, Gitlab, Web Analytics, Docker, Kubernetes, AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, AWS Lambda, AWS CloudWatch, AWS CloudFormation, AWS EC2, AWS S3, Grafana, Maven, Gradle, Puppeteer.
- **Testing Tools & Other Technologies:** Selenium, Selenium Webdriver, Postman, Test Planning, Testrail, Regression Testing, UI Automation, API Testing, Manual Testing, JUnit, Mockito, TestNG, Swagger, Generative AI, Large-Language Models

ACHIEVEMENTS

- **Star Performer**   *November 2019*
  Amazon Advertising Rewards & Recognition
  ◦ Acknowledged for consistently exceeding performance metrics while contributing to process improvement initiatives and mentoring team members.

- **President - Phoenix - The Technical Club of Netaji Subhash Engineering College**   *January 2016 - January 2017*
  Netaji Subhash Engineering College
  ◦ President at "Phoenix", the official student body of Netaji Subhash Engineering College, Kolkata for the class of 2017.

- **Table Tennis**   *October 2008*
  National Ranking Table Tennis Championship, T.T.F.I
  ◦ Represented the State of Bihar in the SAIL National Ranking Table Tennis Championship at Bolpur, West Bengal in 2008.