

MISHA KUMARI

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PROFESSIONAL SUMMARY

Software Engineering Master's student with 3+ years of experience in backend development, Java-based systems, and scalable APIs, seeking full-time Software Engineering opportunities.

EDUCATION

Master of Science in Software Engineering <i>Arizona State University, Tempe, AZ</i>	May 2026 3.78/4
Relevant coursework : Advance Data Structures and Algorithms, Game Programming and Design, Info Assurance & Security	
Bachelor of Technology in Computer Science and Engineering <i>Dehradun Institute of Technology, Dehradun, India</i>	May 2021 7.41/10

PROFESSIONAL EXPERIENCE

Software Engineer II, Dell Technologies, Bengaluru, India	March 2023 – July 2024
<ul style="list-style-type: none">Built backend systems with Spring Integration, RabbitMQ, and IBM MQ to reliably process 1000+ transactions per minute.Deployed Spring Boot applications on Pivotal Cloud Foundry, improving scalability by 50% and simplifying maintenance.Developed customer-focused alerting and monitoring solutions that reduced system downtime by 40%.Implemented OAuth 2.0 for secure authentication and authorization, strengthening enterprise security compliance.Increased unit test coverage of a legacy application from 15% to 70% by writing comprehensive test cases using JUnit, improving code quality metrics on SonarQube.	
Software Engineer I, Dell Technologies, Bengaluru, India	September 2021 – March 2023
<ul style="list-style-type: none">Migrated legacy ASP.NET web application from SOAP to RESTful APIs, modernizing integration processes and resulting in a 30% reduction in API response time and improved application scalability.Automated password reset process in Vault using CI/CD pipelines, reducing manual intervention, the scope of errors and increasing password update frequency to 4 times in a single year.Created a Data Export System that fetched, filtered and formatted data from databases to generate CSV files and securely uploaded them to clients' NAS paths periodically, ensuring reliable and latest data delivery.	
Software Engineering Intern, Cognizant, Chennai, India	March 2021 – August 2021
<ul style="list-style-type: none">Developed a responsive Angular front-end for a banking application, implementing robust form validations and error handling to reduce user input errors.Built scalable backend services in Spring Boot to generate account statements (PDF/CSV), improving customer accessibility and reporting efficiency.	

OTHER EXPERIENCE

Management Intern, Arizona State University, Tempe, Arizona, USA	June 2025– Present
<ul style="list-style-type: none">Collaborated with 10+ cross-functional campus partners to align initiatives with institutional goals, contributing to increase in international student participation.Consolidated stakeholder feedback from sources into actionable tasks within project management tools, ensuring alignment on project goals and improved team accountability across 3 departments.Managed project timelines, stakeholder updates, and deliverables using tools such as Trello, Google Workspace, and shared drives to ensure goal alignment and team accountability.	

PROJECTS

GraceLang.	Spring 2025
Built an educational programming language, leveraging skills in language design, syntax/semantics implementation, structured programming, and Prolog and Java integration.	
SyncBoard	Summer 2025
Built a full-stack task management platform, leveraging React (frontend), Spring Boot (backend), MongoDB integration, JWT - based authentication, and GitHub webhook automation for real-time task tracking.	

TECHNICAL SKILLS

- Programming Languages:** Java, Python, C++, JavaScript
- Backend & Cloud:** Spring, Spring Boot, REST APIs, Docker, Maven, Pivotal Cloud Foundry
- Frontend:** React, TypeScript, HTML, CSS
- Databases and Tools :** MySQL, MongoDB, Git, CI/CD pipelines