Sabid Ansari

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Technical Skills

Languages: Python, Java, PHP
Frameworks & Platforms: Open edX (Quince), Moodle, Odoo, Spring Boot, Spring MVC, Flask
Databases: MySQL, MongoDB, Redis
Cloud & DevOps: AWS (EC2, ALB, VPC, Lambda), Docker, Linode
Web Technologies: HTML, CSS, JavaScript, TypeScript
Concepts: REST APIs, RBAC, Caching, Design Patterns, SOLID Principles

Experience

TalentSprint (Part of Accenture)   Mar 2021 – Present (4 yrs 5+ mos)
Senior Lead Software Engineer   *Hyderabad, India*

Career Progression:
- **Senior Lead Software Engineer** — **Jul 2025 – Present**
- **Lead Software Engineer** — **Aug 2024 – Jun 2025**
- **Senior Software Engineer (Consultant)** — **Feb 2024 – Aug 2024**
- **Senior Software Engineer** — **Jul 2023 – Sept 2023**
- **Software Engineer** — **May 2022 – Jun 2023**
- **Associate Software Engineer** — **May 2021 – Apr 2022**
- **Software Engineer Intern** — **Mar 2021 – Apr 2021**

Roles & Responsibilities:
- Led and mentored a team of **7 junior developers and interns**, driving technical excellence through code reviews, architectural guidance, and best practices adoption.
- Designed and developed scalable backend systems using **Java** and **Spring Boot/MVC**, delivering production-ready features with high code quality, unit test coverage, and improved system stability.
- Spearheaded **Java and Spring Boot upgrades**, improving application performance, security, and long-term maintainability while minimizing production downtime.
- Built API-driven automation and cross-system integrations, resulting in a **40% improvement in operational efficiency** and saving **25% of manual effort** for internal teams.
- Developed and deployed end-to-end web and mobile solutions, achieving **99.5% uptime** and increasing user engagement by **20%** through performance optimization and UX improvements.
- Collaborated closely with product, operations, and business stakeholders to translate requirements into scalable technical solutions and ensure timely delivery.
- **Technologies:** Java 21, Python, Spring Boot, Spring MVC, REST APIs, MySQL, MongoDB, Redis, AWS (EC2, ALB, VPC, Lambda), Linode, Docker, Open edX (Quince), Moodle, Odoo, Git

BirgunjBazar Pvt. Ltd.   Aug 2020 – Feb 2021
Freelance Software Engineer   *Birgunj, Nepal*
- Worked as a solo developer delivering end-to-end web and mobile eCommerce solutions, from requirement analysis to production deployment.
- Independently managed backend development, hosting, deployments, UI/UX optimization, and automation, achieving **95% customer satisfaction**.
- **Technologies:** PHP, Java, MySQL, HTML, CSS, JavaScript, cPanel

Education

Lovely Professional University   May 2020
BTech in Computer Science and Engineering (GPA: 8.14 / 10.0)   *Punjab, India*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Software Engineering, Cloud Computing, Computer Networks, Big Data(PySpark)

Projects

End-to-End Automation of Video Processing | *Python, FFmpeg, Logging*
- Built a robust automation pipeline to convert raw **.mp4** videos into encrypted HLS streams (**.m3u8**, **.ts**) using **Python** and **FFmpeg**.
- Implemented smart resume logic, segment prediction, and delta copying, reducing redundant processing and improving efficiency by ̌60%.
- Automated subtitle processing with profanity filtering, handling seamless **.srt → .vtt → .txt** conversions for accessibility and compliance.
- Eliminated manual video compression, subtitle conversion, and content packaging, saving **75+ hours/month** and enabling scalable content delivery for thousands of learners.

Open edX Platform Customization & Operations (Quince) | *Open edX, Python, Django, Docker, MySQL, AWS*
- Managed and customized the **Open edX Quince** release, handling LMS and CMS (Studio) configurations, deployments, and production operations.
- Customized platform features using **Python** and **Django**, implementing backend enhancements and configuration overrides to meet business requirements.
- Handled complete course lifecycle management, including creation, reruns, grading policies, certificates, and content updates for large learner cohorts.
- Integrated third-party services and internal tools via APIs, improving reporting, analytics, and operational efficiency.
- Maintained high platform availability using **Docker**-based deployments, logging, and production issue troubleshooting.

Odoo Order Management System (OMS) | *Odoo, Python, PostgreSQL, XML, JavaScript*
- Developed a scalable **Odoo-based OMS** to replace a legacy Drupal system, improving performance, maintainability, and scalability.
- Automated order processing, inventory management, and reporting workflows, reducing manual effort by **25%**.
- Integrated third-party APIs to enable seamless data exchange and improved system interoperability.
- Customized Odoo views and reports using **XML**, with backend logic implemented in **Python** and data managed in **PostgreSQL**.

Moodle LMS Customization & Administration | *Moodle, PHP, MySQL, REST APIs*
- Administered and customized the **Moodle LMS** to support scalable online learning programs with high availability and performance.
- Developed and customized plugins, themes, and configurations using **PHP** and **MySQL** to meet academic and business needs.
- Managed course structures, enrollments, roles, grading, quizzes, assignments, and completion tracking across multiple programs.
- Integrated external systems using **Moodle REST APIs** for automated user management and reporting.
- Handled LMS upgrades, backups, restores, and issue resolution with minimal downtime.

Internal Operations Dashboard | *Java 21, Spring Boot, REST APIs, MySQL, RBAC*
- Developed a proprietary internal **Dashboard** using **Java 21** and **Spring Boot** to automate business and operational workflows.
- Implemented secure **Role-Based Access Control (RBAC)** to manage permissions across operations, finance, and admin teams.
- Built backend services for automated user **enrollment and unenrollment** across **Moodle** and **Open edX**, reducing manual LMS effort.
- Designed finance and operational reporting modules, enabling real-time insights into enrollments, revenue, and platform usage.
- Integrated multiple internal systems via **REST APIs**, ensuring consistent data synchronization and scalable backend architecture.