

ZAKI SHAIKH

SOFTWARE DEVELOPER | MOODLE • MERN • BACKEND

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PROFESSIONAL SUMMARY

Software Developer with **2 years of experience in software development**, building MERN stack applications, REST APIs and AI-integrated learning platforms, with hands-on expertise in Moodle plugin and theme development using PHP. Currently developing the ReviewerOne Academy and Community platform at Nova Techset, including OAuth2 SSO, gamification and community features. Previously contributed to AI-powered assessment, question generation, and grading platforms used by 50+ schools.

CORE SKILLS

Languages & Frameworks: PHP, JavaScript, SQL, Node.js, Express.js, React.js, Next.js, Angular.js, HTML5, CSS3, Tailwind CSS

Moodle & LMS: Moodle plugin and theme development, Moodle core customization, lomad multi-tenancy, gradebook, badges, certificates, course management

Backend & Security: REST APIs, JWT, OAuth2, Single Sign-On (SSO), role-based access control, OTP authentication

AI & Integrations: Gemini API, AI question generation, AI-assisted grading, OCR answer processing, Zoom, Microsoft Teams, Google Meet, email automation

Databases & Tools: MySQL, MongoDB, Git, GitHub, Postman, AWS EC2/S3/RDS, VPS deployment, code review, Agile development

PROFESSIONAL EXPERIENCE

Software Developer - Moodle Developer | Nova Techset Ltd

July 2026 - Present | Pune, India

- Sole developer of the Academy and Community modules for ReviewerOne, a Moodle-based learning and engagement platform supporting peer reviewers.
- Built custom Moodle local plugins and themes for dashboards, points ledger, course grading, badges and certification.
- Implemented OAuth2 Single Sign-On between the Academy, Community and main ReviewerOne portal.
- Developed community groups, posts, replies, resource sharing, subject-based Q&A, mentoring and admin moderation tools.
- Built an Events module with Zoom, Microsoft Teams and Google Meet integration, plus a Bronze-to-Diamond gamification system with unlockable rewards.
- Maintain production platform stability and deliver continuous feature releases.

Full Stack Developer | Byline Learning Solutions

May 2025 - July 2026 | Pune, India

- Built AI-powered question generation and AI-assisted grading for Kodeit Ascend using Gemini API, React.js, Node.js/Express and MySQL.
- Developed Moodle/lomad LMS themes, plugins and 10+ subject-specific learning emulators for programming and ICT education.
- Independently led development of an AI Curriculum Content Platform to digitize publisher textbooks and generate curriculum-aligned questions.
- Supported platforms used by 50+ schools and co-owned code reviews, merge management, deployment and hosting workflows in a 10-member team.

Full Stack Developer Intern | Western Flex

November 2024 - April 2025 | Pune, India

- Enhanced a production e-commerce platform built with React, Express.js and MongoDB, improving UI/UX and performance.
- Implemented OTP authentication with Meta APIs and JWT session management; developed REST APIs for products, customers and orders.
- Created marketing automation flows, email templates and third-party mailing API integrations.

SELECTED PROJECTS

ReviewerOne Academy and Community | Moodle, PHP, OAuth2 SSO

lms.reviewerone.com - Moodle-based learning and community platform built independently using local plugins and custom themes.

- Academy features include dashboards, course grading, points ledger, badges and certification; Community includes groups, posts, Q&A and resource sharing.
- Integrated in-platform webinars and OAuth2 SSO; designed gamification levels from Bronze to Diamond with unlockable rewards.

Kodeit Ascend - Assessment and Analytics Platform | React.js, Node.js, MySQL

scholario-ascend.cloud - Assessment platform supporting online/offline evaluations, OCR answer-sheet processing, AI-assisted grading and school-level reporting.

- Built Gemini-powered question generation and contributed to AI-based grading workflows.
- Designed the Growth Metric Score system to track student progress across assessment cycles.

Kodeit ICT LMS | Multi-Tenant Moodle (lomad)

ict.kodeit.digital - Multi-tenant K-12 LMS for Saudi Arabia and the GCC, with interactive modules, video learning, in-browser coding and AI-based grading.

- Developed custom themes, plugins and community features; built 10+ learning emulators, including programming environments and Scratch.
- Contributed to Gemini API grading integration.

EDUCATION

Bachelor of Computer Applications (BCA) | 2022-2025

Abeda Inamdar Senior College, SPPU, Pune | CGPA: 8.9/10