Amaan Aslam Shaikh

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WORK EXPERIENCE

🏢 *Zeus Learning* – MUMBAI, India

City: MUMBAI | **Country:** India

Software developer

[03/07/2023 – 19/09/2025]

- Designed and implemented **array support in the graphing calculator** by writing custom grammar with Jison for parsing and validation, tokenizing input strings, and integrating arrays as table headers and variables for advanced plotting.
- Collaborated on the development of a **real-time collaborative tool**, enabling users to share multimedia content for enhanced classroom interaction and planning.
- Implemented a **flexible settings feature** within the collaborative tool, giving instructors control over permissions such as post approvals, posting rights, and anonymizing student identities.
- Enhanced **geometry tools** in the Annotate.net web extension with smoother drawing, dragging, resizing, rotating, and exporting features, improving usability.
- **Optimized loading performance by 40%** for users handling large numbers of courses and files, significantly improving responsiveness.
- Integrated the **publishing feature** into the web extension, adapting existing functionalities for seamless cross-platform content sharing.
- Developed and delivered a **modern UI design** for the web application, ensuring an intuitive and user-friendly interface.
- Built the **course cloning feature**, ensuring correct ownership handling and smooth duplication of course materials.
- Developed **end-to-end automation test scripts** using Playwright, increasing test coverage and reducing manual QA time across key workflows.

EDUCATION AND TRAINING

M.Sc. Data Science
Berliner Hochschule für Technik (BHT) [02/10/2025 – Current]

City: Berlin | **Country:** Germany

B.E Computer Engineering
University of Mumbai [08/2019 – 05/2023]

City: Mumbai | **Country:** India

LANGUAGE SKILLS

Mother tongue(s): Hindi

Other language(s):

English

LISTENING C2 **READING** C1 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

SKILLS

Python (computer programming) / JavaScript / TypeScript / PHP / HTML / CSS / Node.js / Django / Flask / Pandas / scikit-learn / Numpy / natural language processing / Playwright / React.js