Ubaid Ullah

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Skills

- **Languages:** JavaScript, TypeScript, SQL, Python, C/C++, Java
- **Technologies:** Next.js, React.js, Node.js, NestJS, Angular, PostgreSQL, WebSocket, JWT, OpenAI GPT-4 API, Redux, RapidAPI, Prisma, MySQL, Tailwind CSS, REST APIs.
- **Concepts:** Full-Stack Development, API Integration, Software Engineering Principles, Agile Development.

Education

University of Pecs, Hungary   *July 2025*
Bachelor of Science in Computer Science

- **Core Courses:** Programming (I & II), Web Programming, Frontend Frameworks, Microcontroller Programming, Algorithms, AI, Data Analysis, Compilers, Automata, Networks.
- **Mathematics:** Discrete Math, Linear Algebra, Calculus, Probability, Statistics, Numerical Methods.
- **Systems:** Software Development Technologies, Visualization, OS, Databases.

CS50x   *Harvard University, edX*

- Completed Harvard's rigorous CS50 course, covering C, Python, algorithms, data structures, SQL, web development, and Flask.
- Built real-world projects including a personal finance manager and a web-based search engine.

Experience

Project Builder Intern   *April -July 2025*
Buildspace – Remote, United States

- Designed and deployed a full-stack application from concept to launch in under 4 weeks, using React and Node.js.
- Delivered 100% project completion across weekly milestones, validated by mentor reviews and user testing.
- Collaborated with 1,000+ global developers, gaining real-time feedback to iterate and improve UI/UX design.
- Implemented secure API integrations and optimized frontend performance, improving load speed by 35%.

StuDev, University of Pecs   *Sept 2024 – Mar 2025*
Front-End Developer Intern, Pecs, Hungary

- Improved UI responsiveness by 40%, user engagement by 25% using TypeScript + React.
- Reduced bounce rate by 30% via Tailwind CSS design.
- Supported 3x transaction growth with Spring Java + PostgreSQL backend.
- Migrated codebase to Vite, boosting rendering speed and performance.

Projects

Tech E-commerce Shop with Admin Dashboard   *Full-Stack Project — Next.js, Node.js, MySQL*

- Built a responsive full-stack e-commerce web app with custom product, cart, wishlist, and checkout flows.
- Developed admin dashboard to manage users, orders, products, and categories.
- Followed the waterfall model and documented 40+ pages of software engineering processes (diagrams, testing).
- Executed 350+ test cases with unit and E2E testing, achieving over 70%+ defect detection in early stages.
- Applied secure user authentication, search, and CRUD operations across modules using MySQL and Prisma ORM.

AI Link Summarizer   *Next.js, OpenAI GPT-4 API, Redux, RapidAPI*

- Developed a web app that summarizes article URLs using OpenAI GPT-4 via RapidAPI for content generation.
- Integrated Next.js for optimized server-side rendering and efficient page loading.
- Utilized Redux for predictable, centralized state management of user input and API response data.
- Enabled real-time NLP-based summarization of articles with clean UI and intuitive user experience.

Auction Platform API & Frontend   *NestJS, Angular, PostgreSQL, WebSocket, JWT*

- Built a secure full-stack auction platform with user authentication, role-based access, and JWT-protected routes.
- Enabled real-time bidding using WebSockets and PostgreSQL for persistent bid tracking.
- Developed a responsive Angular frontend with dynamic WebSocket listeners and RESTful integration.