Mishal Hasan

+1 778-836-4956 | mishalhasan2198@gmail.com | github.com/mishalhasan

Full-stack developer with a Computer Science background and experience building and deploying modern web applications using React, Next.js, Node.js, and PostgreSQL. Comfortable working across frontend and backend, with a focus on clean APIs, structured data models, and practical, user-driven features. Currently building and refining production-oriented projects while strengthening full-stack fundamentals.

TECHNICAL SKILLS

- **Languages & Frontend:** HTML, CSS, JavaScript, TypeScript, Python, React, Next.js, Tailwind CSS
- **Backend & Databases:** Node.js, Express, REST APIs, PostgreSQL, MySQL, Prisma
- **Tools & Deployment:** Git, Docker, Postman, Vercel, Railway

PROJECTS

Eira | AI-Assisted Chat Health Journaling | *Next.js, TypeScript, PostgreSQL, Prisma, Clerk* | 2025 – Present

- Designed and implemented full-stack architecture, improving data reliability and workflow efficiency.
- Diagnosed and resolved AI logic and time-based data issues, enhancing accuracy.
- Deployed a fully functional MVP on Vercel; won capstone contest for innovative, user-ready AI journaling app.

Other Projects | AI Maker Bootcamp & Full-Stack Apps | *Node.js, PostgreSQL, React, Python, Docker* | 2025

- Built full-stack apps including Flappy Bird game, Chrome extension, note-taking app, and an agentic newsletter; implemented authentication, APIs, and optimized backend workflows for scalable, maintainable systems.

EXPERIENCE

CO-OP CPE Support & Programmer | UBC Okanagan | Jan–Apr 2022 | Kelowna, BC, Canada

- Redesigned course enrollment workflows, improving student usability and significantly reducing errors.
- Built responsive frontend features in WordPress (HTML, CSS, JavaScript), enhancing accessibility.
- Contributed to site structure, content organization, and technical documentation for adoption.

Software Engineering Intern | XtrategizePK | May–Dec 2020 | Karachi, Pakistan

- Designed MySQL database schemas and developed REST API endpoints, improving backend scalability.
- Built frontend components and visual assets, increasing usability and client satisfaction.

CO-OP IT Student | Tolko Industries | Sep–Dec 2019 | Vernon, BC, Canada

- Automated IT ticketing workflows via ServiceNow APIs, noticeably reducing manual processing time.
- Authored technical documentation and knowledge articles, improving onboarding and reference.

PROFESSIONAL DEVELOPMENT

Codecademy Full-Stack Development Bootcamp | Jan 2026 - Present

- Focused on REST APIs, authentication, databases, cloud deployment, and production-oriented workflows.

Codecademy AI Maker Bootcamp (Capstone Winner) | Nov 2025–Jan 2026

- Developed full-stack web applications, integrating AI-assisted features and managing deployment workflows.

EDUCATION

B.Sc. Computer Science | University of British Columbia | 2016–2022