

Abdalla Elboraei

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PROFESSIONAL SUMMARY

Software Systems student at Simon Fraser University with hands-on experience designing and developing modern full-stack web applications using React, Next.js, TypeScript, Laravel, PHP, and Node.js. Experienced in building responsive, accessible, component-driven user interfaces and secure backend systems for production environments. Passionate about writing clean, maintainable code, translating requirements into polished user experiences, and collaborating with cross-functional teams to deliver high-quality software. Proven ability to take projects from architecture and development through deployment and ongoing maintenance.

PROJECTS

SFU MSA Digital Platform | *Laravel, PHP, MySQL, Vue.js, TypeScript, REST APIs, RBAC, JWT*

- Architected and developed a production full-stack digital platform that centralized SFU MSA operations, replacing fragmented administrative workflows with an integrated, scalable solution.
- Built responsive, component-based user interfaces using Vue.js and modern frontend development practices, delivering a consistent experience across desktop and mobile devices.
- Developed secure authentication with email verification, JWT, and role-based access control (RBAC) supporting members, executives, organizers, and administrators.
- Designed and implemented the Public Website, CMS, Dawah Academy LMS, executive administration tools, announcements, newsletters, and organizational management features.
- Developed additional platform modules including an Event Management System supporting event creation, registration, attendance management, and QR code check-in.
- Optimized application performance through modular Laravel architecture, efficient database design, and maintainable REST APIs.
- Deployed and maintained the production platform by configuring Linux hosting, DNS, SSL certificates, domains, email services, and application infrastructure.
- Improved platform quality through continuous testing, debugging, feature refinement, and ongoing maintenance.

Track2Give | *Node.js, Express.js, MongoDB, Flutter, JWT*

- Co-developed a full-stack food donation platform that connects donors, volunteers, and recipients to reduce food waste while supporting United Nations Sustainable Development Goals 2, 12, and 13.
- Developed a cross-platform Flutter mobile application that enabled users to donate, discover, and manage food donations through an intuitive mobile experience.
- Engineered backend services, REST APIs, and MongoDB data models that powered donation management, user workflows, authentication, and application logic.
- Improved platform reliability by testing, debugging, and refining application features, resulting in a more stable and maintainable codebase.
- Presented the platform in StormHacks 2025, earning 1st Place Best Beginner, 1st Place Most Likely to Become a Startup, and 1st Place EnactusSFU Challenge, validating both the technical implementation and business potential.
- Collaborated with a multidisciplinary team using Agile development practices to rapidly iterate on product features based on competition feedback.

EventForge | *Node.js, Express.js, MongoDB, Flutter, JWT*

- Developed a full-stack event discovery platform that enabled users to create, browse, and manage local events through responsive web and mobile experiences.
- Built a cross-platform Flutter mobile application that integrated seamlessly with REST APIs, providing a consistent user experience across Android and iOS.
- Designed and implemented secure RESTful APIs, JWT authentication, and MongoDB data models that supported scalable user and event management.
- Collaborated in an Agile startup team to architect backend services, implement core product features, and deliver a functional MVP within project deadlines.

- Developed an interactive educational platform introducing quantum computing concepts through engaging web experiences.
- Built responsive, reusable, component-driven interfaces using Next.js, TypeScript, and Tailwind CSS.
- Implemented modern frontend architecture focused on maintainability, scalability, and clean code organization.
- Applied responsive design principles and accessibility best practices to provide a consistent experience across desktop and mobile devices.
- Optimized application performance and user experience using modern frontend development techniques.

SKILLS

Languages: JavaScript, TypeScript, PHP, Python, C++, Dart, HTML5, CSS3

Frontend: React.js, Next.js, Vue.js, Flutter, Tailwind CSS, Responsive Design, Component-Based Architecture, UI/UX Implementation, WCAG Accessibility, Cross-Browser Compatibility

Backend: Laravel, Node.js, Express.js, REST APIs, JWT Authentication, Role-Based Access Control (RBAC), Secure API Development

Databases: MySQL, MongoDB, PostgreSQL, Mongoose

Developer Tools: Git, GitHub, Linux, Cloudflare, Microsoft Azure (AZ-900), npm, CI/CD Concepts

Software Engineering: Full-Stack Development, System Design, Authentication Authorization, Object-Oriented Programming, Testing, Debugging, Performance Optimization

Methodologies: Agile, REST API Design, MVC, Object-Oriented Programming, Testing, CI/CD

LEADERSHIP & CAMPUS EXPERIENCE

IT Coordinator
Feb. 2026 – Present

SFU Muslim Students Association
Burnaby, BC

- Lead the architecture and development of the SFU MSA Digital Platform, centralizing administrative workflows through a scalable full-stack solution.
- Design and implement secure authentication, role-based access control (RBAC), executive management tools, newsletters, announcements, and Dawah Academy modules.
- Coordinate technical requirements with executive stakeholders, translating organizational needs into maintainable software solutions.
- Manage deployment, documentation, and platform maintenance while establishing scalable development workflows for future contributors.

Lower Division Representative
May 2026 – Present

SFU Software Systems Student Society
Surrey, BC

- Represent undergraduate Software Systems students within the executive council and advocate for student interests.
- Collaborate with executive members to organize events, improve student engagement, and support society initiatives.
- Contribute to operational planning and cross-functional projects that strengthen the student community.

Certifications

Oracle NetSuite AI Foundation Associate — Oracle	Jan 2026
Oracle NetSuite Financial Associate — Oracle	Dec 2025
Microsoft Certified: Azure Fundamentals (AZ-900) — Microsoft	Jul 2025
WorkSafeBC Certificate — WorkSafeBC	Oct 2024

EDUCATION

BSc Computing Science: Software Systems
Sept. 2025 – Apr. 2029

Simon Fraser University, Surrey, BC