

Azib Malik

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EDUCATION

University of Washington, Paul G. Allen School of Computer Science & Engineering **June 2027**
B.S. Computer Science, Minor in Business *Seattle, WA*

- **Dean's List:** Winter 2024, Spring 2024, Winter 2025
- **Relevant Coursework:**
 - Hardware & Software Interface, Software Design and Implementation, Data Structures and Parallelism, Foundations of Computing I & II

TECHNICAL SKILLS

Languages: Java, Python, C++, C#, JavaScript, TypeScript, SQL, HTML, CSS, GoLang, LaTeX
Developer Tools: Postman, Git, Maven, MySQL, RESTful, Jupyter Notebook, Docker, Kubernetes
Libraries/Frameworks: Spring Boot, Bootstrap 5, Thymeleaf, ZXing, Bcrypt, React, Node, Pandas

PROJECTS

EventPulse, Event Management System

Tech Stack: Java Spring Boot, JavaScript, MySQL, Bootstrap 5, Spring Security, ZXing

- Developed a **full-stack** event management platform used by **400+ users**, improving event registration efficiency by **60%** through RESTful APIs and MySQL integration
- **Designed** a responsive **frontend** with JavaScript (ES6), Bootstrap 5, and custom CSS, improving mobile usability scores by **40%** through real-time validation and interactive UI elements
- **Implemented** a mobile-optimized **QR code ticket verification system** using ZXing and Thymeleaf, enabling real-time scanning and validation through secure, tokenized verification URLs with **robust database cross-referencing logic** which cut check-in times by **50%**

"ZOQ" Restaurant Data Analysis Project

Tech Stack: SQL, Python (Pandas), Excel, Jupyter Notebook

- Led a **year-long data collection and analysis** initiative to optimize a local restaurant's performance and customer experience
- Processed and analyzed over **8,500+ data points**, including dish order frequency, customer visit trends, and satisfaction levels
- Leveraged **data insights** to guide the development of a sister restaurant, which achieved a **29% revenue increase** in its first month

EXPERIENCE

Assistant Manager

Highlands Bistro

Jan 2024 – Feb 2025

Issaquah, WA

- Managed a front-of-house and kitchen staff of **10+**, reducing wait times by **25%** by restructuring shift schedules and optimizing POS workflows
- Designed and launched a **modern, mobile-responsive website**, increasing online reservations by **45%** and improving average customer session time by 2 minutes
- **Collaborated** with vendors and resolved supply chain issues under tight timelines, preventing over **\$2,000** in potential monthly revenue loss due to kitchen downtime

LEARNING PROGRAMS

Allen School Scholars Program

University of Washington

July 2023 – June 2024

Seattle, WA

- Completed an intensive **4-week summer bridge program** focused on computational problem-solving, technical skill-building, and academic preparation
- Collaborated in peer-led study groups and group projects to strengthen communication and teamwork within a diverse academic cohort

Awards: Balanced Man Scholarship Recipient