

# MAHAD GHANI

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## EDUCATION

### B.S. Computer Science

Portland State University

June 2024

Portland, OR

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## TECHNICAL SKILLS

**Languages:** JavaScript, Python, Node.js, C/C++, SQL (Postgres, MySQL), TypeScript, HTML/CSS

**Technologies:** Git, Linux OS, Docker, Google Cloud Platform, AWS Cloud, VS Code, Visual Studio, WordPress

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## EXPERIENCE

### Software Engineer

Portland Playhouse

January 2024 - June 2024

Contract

- Collaborated with a team of 7 engineers to develop WonderTix, an event management and ticketing web app
- Utilized Google Cloud Platform to host SQL database and Docker containers for scalable deployment
- Directed the development of automated email functionality, revamped existing API with new endpoints, and integrated them into a ReactJS UI

### Full Stack Developer

NSTEM

September 2023 - December 2023

Intern

- Managed data collection in PostgreSQL database and created a script to assist the data analytics team in processing and analyzing data
- Collaborated with the web development team to implement a new design that aligns with current trends and effectively communicates NSTEM's values using WordPress and Elementor tools

### IT Help Desk Associate

Portland State University

October 2022 - June 2023

Seasonal

- Troubleshooted and resolved 400+ support tickets for engineering students using automated ticketing system, addressing a wide array of tier 1 and tier 2 issues
  - Collaborated with the IT support team to help account setup procedures, password resets, troubleshooting login issues, and enhancing user accessibility to PSU systems
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## PROJECTS

### Portland Transportation App (React JS | Git | HTML | CSS)

- Developed a web application that helps users plan day trips in Portland, using weather analytics, public transport data, and sunrise/sunset times
- Integrated with 4 APIs to provide real-time transit information, including bus and train schedules, on an interactive web page

### Web Data Automation (Python | Selenium | HTTP Requests)

- Spearheaded the development of an automation app to extract and organize wholesale prices from multiple vendor websites using web data mining through HTTP Requests and Selenium
- Streamlined tire price comparisons by automating the web data scrapings, reducing time spent on manual data collection by 80%