Hava Faria
Greater Seattle Area
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Summary

Full-stack Software Engineer with over 10 years of experience designing and delivering scalable systems and user-focused applications across finance, retail, and technology sectors. Skilled in Java, Python, and JavaScript with a strong foundation in backend development, database architecture, and API design. Committed to continuous learning, with recent hands-on work in AI-assisted development, game design, and independent hardware/software projects.

Technical Skills

- **Languages & Frameworks:** Java, Python, JavaScript, Ruby on Rails, JQuery, Spring, Hibernate, Phaser.js
- **Web & UI:** REST API, JQuery, JavaScript (Phaser.js), basic familiarity with React
- **Databases:** SQL, Object-Oriented Databases (RDB)
- **Testing:** JUnit, Selenium, Mockito, Test-Driven Development (TDD)
- **Tools & Practices:** Git, TeamCity, Agile/Scrum, XP, CI/CD pipelines
- **Additional Interests:** LLM-assisted coding, game development, Arduino/Raspberry Pi, machine learning basics

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Experience

Independent Projects and Learning

Feb 2013 – Present

- Created 2D platformer and browser-based games using Godot and Phaser.js
- Built Arduino and Raspberry Pi projects, integrating sensors and automation
- Completed Coursera courses in Machine Learning and Scala
- Experimented with Large Language Models (LLMs) for AI-assisted programming and workflow optimization

Senior Software Engineer

Lautus Solutions – Cape Town & Sandton, South Africa
Jul 2010 – Jan 2013

- Built and maintained backend infrastructure for investment platforms with 500K+ lines of code
- Developed customer-facing investor web apps and Java-based financial modules
- Delivered scalable accounting and workflow systems aligned with compliance standards

Technical Team Lead

Isotrak Ltd – London, UK
Jul 2008 – May 2010

- Led a team of 5 developers on real-time vehicle tracking and logistics systems
- Integrated with Google Maps and internal GIS tools for real-time asset tracking

Software Engineer – Financial Sector

Rand Merchant Bank / Devstream / Software Futures
Early Career Roles

- Researched and implemented statistical models for automated trading tools
- Developed costing engines and supply chain tools for large retailers
- Built secure, high-reliability applications for finance and logistics clients

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Education

Bachelor of Science in Computer Science & Mathematics
University of the Witwatersrand, Johannesburg, South Africa

Projects & Portfolio

GitHub: https://github.com/stellar-flame

- Phaser.js browser game (JavaScript, canvas rendering, physics)
- Godot 2D platformer (user input, animation, physics engine)
- Arduino home automation system
- LLM workflow automation prototype

Additional Highlights

- Strong interpersonal and cross-functional collaboration skills
- Growth mindset and commitment to lifelong learning