Himanshu Aswal

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Location: Bangalore

Summary

Software Engineer with a strong record of delivering high-impact systems at Amazon cutting processing time by 99%, modernizing legacy services, and launching scalable global seller workflows. Experienced in event-driven architectures, GenAI automation, and long-term operational fixes. Focused on building reliable, efficient, and user-centric platforms.

Education

- **MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY (GGSIPU)** — Delhi, India
  Bachelor of Technology GPA: 8.2 — *August 2018 - May 2022*

- **Kendriya Vidyalaya** — Sec-3, Rohini, Delhi
  CLASS XII (AISSCE-2018) CBSE — *April 2016 - March 2018*

Skills Summary

- **Languages & Skills**: C, C++, HTML, CSS, JavaScript, GoLang, Python, Data Structures and Algorithms
- **Frameworks**: React, NodeJS, Express, MongoDB
- **Platforms**: Web, Windows, Amazon Web Services, Google Cloud Platforms

Work Experience

- **AMAZON** — Bangalore
  Software Development Engineer II — *Oct 2024 - Present*
  - **Workflow Transformation**: Led the design and rollout of a unified global Offer Listing experience that enables sellers to list offers across multiple programs (Fresh, B2B, Bazaar, etc.) from a single page, eliminating the need for program-specific listing UIs and saving 12 weeks of SDE effort per new program launch.
  - **Stability Improvements**: Built a GenAI-powered ticket resolution bot with automated workflows to learn from new ticket types and human feedback, significantly reducing manual operational load. Took part in on-call and support, closed many tickets with long-term fixes instead of quick patches, and helped reduce open issues over time.
  - **Tech Leadership**: Mentored interns and new hires, gave them clear ramp-up plans, reviewed their work, and helped them deliver features within their first few weeks.Conducted technical interviews and contributed to the hiring process.

- ***Software Development Engineer I*** — *Jul 2022 – Oct 2024*
  - **Performance Optimization**: Optimised cross-listing functionality for sellers, reducing processing time by over 99% (from 40+ mins to $<$ 1min), leading to faster and more efficient seller uploads (bulk listing templates) and improving the overall experience.
  - **Process Enhancement**: Led the implementation of new validation workflows that improved the accuracy and compliance of seller offers, ensuring a high-quality marketplace experi
  - **Platform Migration** : Migrated older systems and scripts to modern infrastructure (like CDK-based deployments), making services easier to deploy, test, and maintain.

- ***Software Development Engineer Intern*** — *Jan 2022 – Jul 2022*
  - **Workflow Automation**: Improved key operational workflows by integrating event-driven architectures for shipment updates and KYC data transfers on global orders, enabling more reliable and timely data propagation.
  - **Security Enhancement**: Collaborated with cross-functional teams to implement encryption protocols for sensitive customer data, strengthening the security posture of internal systems.

- **GEEKSFORGEEKS** — Noida, UP
  Member of Technical Staff Intern — *Jul 2021 - Jan 2022*
  - **C++ Development**: Developed and maintained C++ programs for the organization's project handling raw articles from the writing team, ensuring accurate visualization and attention to every signature detail.
  - **Code Optimization**: Debugged and optimized programs for articles published on the platform, improving efficiency and reliability.

Personal Projects

- **ONLINE IDE**: Created an Online IDE to provide a reliable online platform for developers to debug, run, and share their code. The IDE included features to simplify importing and sharing code, such as a GitHub-like compiler, allowing users to compile and execute their code seamlessly..

ACHIEVEMENTS & RECOGNITION

- 5 Star (Highest Rating - 2021) on Codechef.
- Ranked 165/12000 and 237/20000 in Code Kaze'21 Final and Qualification round respectively.