Shivam Bansal

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EDUCATION

Indian Institute of Technology Guwahati   Guwahati, India
Bachelor of Engineering in Computer Science   *August 2017 – July 2021*

EXPERIENCE

Eightfold AI   Bangalore, India
Senior Engineer   *June 2024 – Present*

- **Talent Tracking ATS** — Python, TypeScript, React, SQL
  - Building core ATS functionality across the **full stack** in close collaboration with product, design, and infrastructure teams, in a fast-paced **agile environment**.
  - Built and integrated **e-signing of job offers** directly in the platform, improving the experience for recruiters and candidates.
  - Designed and implemented a **permissions system** for offer life-cycle, enabling fine-grained **access control** and improving data security.
  - Led the development of a one-click environment setup feature, significantly improving product demo capabilities for sales teams and **accelerating time-to-demo**.
  - Provided **technical mentorship** to interns and junior engineers, guiding the successful overhaul of critical components—the approval service and form auto-fill APIs—ensuring high-quality outcomes.
  - Translated complex **customer requirements** into features aligned with **long-term product goals**, driving successful **UAT and go-live cycles** for multiple enterprise customers.
  - Wrote comprehensive **Pytest, Playwright, and React unit tests** to ensure product reliability, prevent regressions, and maintain high-quality releases.

Oracle   Bangalore, India
Senior Software Engineer   *July 2021 – June 2024*

- **Syslens**: Server health monitoring — Python, Linux
  - Developed file-system, memory monitoring algorithms to predict PaaS server issues, leading to a **9%** decrease in customer tickets.
  - Implemented diagnostic data collection for customer tickets, reducing ticket resolution time by **1 day**.
  - Designed and implemented monitoring for mission-critical virtualization servers with complete **ownership**.
- **Syslens Metrics** — Python
  - Designed, implemented and deployed a metrics generation module for Syslens, leading a team of 2 engineers.
  - The novel specification based approach led to a **3x increase** in development velocity.
- **Incidents** — Python
  - Implemented a library to generate a dump of diagnostic data, in the case of a crash or on demand.
  - Reduced debugging time from **3 days** to **1 day** on average.
- **Webox**: UI Framework — JavaScript, D3.js
  - Implemented a component-based UI framework for visualising server monitoring data.
  - Seamlessly integrated the visualisation web page with customer tickets, **reducing ticket resolution time**.

Oracle   Bangalore, India
Software Engineering Intern   *June 2020 – July 2020*

- **Flexwire** — Python, JSON, Apache Parquet
  - Worked on a data transfer tool for uploading system files from PaaS servers to object storage.
  - Reduced space and bandwidth consumption by **40%** by using a columnar data format.

PROGRAMMING SKILLS

- **Languages**: Python, TypeScript, JavaScript, SQL, C++
- **Tools & Technologies**: React, Apache Solr, Relational Databases, Jupyter Notebook, Git, Docker
- **Coursework**: Communication Networks, Operating Systems, Computer Architecture, Database Systems, Algorithms and Data Structures, Machine Learning
- **Fundamentals**: Object Oriented Design, Concurrent Programming, REST, Distributed Systems, Containerization, Version Control