

Ayoush Chourasia

Senior Software Developer

github.com/Ayoush | candidates.intervues.club/u/ayoush

SUMMARY

Senior Software Developer with extensive experience engineering backends, managing cloud infrastructure, and building scalable software solutions. Proven background across diverse technologies including Python, Django, Elixir, Phoenix, and cloud platforms. Entrepreneurial and engineering history spanning automated systems, backend architecture, and voice AI.

EXPERIENCE

Senior Software Developer

WestAgile Labs (Veltris)

- Engineered backend services for travel application UpAway using Python, Django, MySQL, and Google Pub/Sub.
- Executed query optimization and cloud migration for Cypress Lawn using MySQL, Azure Studio, and Node.js.
- Developed backend systems for the Board of Elections New York utilizing Google Wallet Pass API, Apple Pass API, DynamoDB, and Serverless architecture.

Software Developer

StackAvenue

- Engineered backend functionality for time and project management software using Elixir, Phoenix, Redis, and PostgreSQL.
- Collaborated on the development of Datakrew's MADS No-Code IoT platform leveraging Elixir, Phoenix, Elasticsearch, PostgreSQL, and Redis.

Founder & Developer

Intervues

- Engineered core software systems and shipped voice AI features for the Intervues platform.

System Engineer

TCS - NISSAN

- Applied HIL and MIL testing procedures for ADAS features in the Nissan Leaf using CAN, MATLAB, and Python.
- Automated dSpace simulation workflows and report generation tools utilizing CAN and Python.

EDUCATION

Army Institute of Technology (AIT), Pune · Bachelor of Engineering · 2012 – 2016

SKILLS

Languages and Frameworks: Elixir, Go, HTML, JavaScript, Jupyter Notebook, Python, Shell, TypeScript, Django, Phoenix

Databases: Database integration, DynamoDB, Elasticsearch, GraphQL, MySQL, PostgreSQL, Query optimization, Redis, RLS

Tools: API design, Git, Github Actions, HMAC, RabbitMQ

PROJECTS

ex-dns

Developed a DNS library in Elixir. Built an Elixir DNS library employing GenServer and Supervisor for concurrency and fault tolerance. Implemented dynamic supervisors and metaprogramming patterns using Elixir, GenServer, Supervisor, and GenStage.

Elixir, GenServer, Supervisor, GenStage

notes-app

Contributed to a Phoenix framework-based backend for a notes application. Implemented pivotal backend features including a robust rate limiter and secure user authentication leveraging Phoenix.

Phoenix

Additional projects: CypressLawn, DataKrew IoT Product, DailyPloy, Intervues.ai, Life-OS

AWARDS

SHINING STAR AWARD