

AYOUSH CHOURASIA

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SUMMARY

I am a Senior Software Development Engineer working for Veltris. I love exploring new tech frameworks and tools on weekends. I am also an open-source enthusiast and maintainer. I learned a lot from the open-source community and I love how collaboration and knowledge sharing happened through open-source. I am a quick learner and can easily switch between techs as and when required.

EDUCATION

Bachelor of Engineering., Electronics and Telecommunication

Graduated May 2016

Pune Univesity, Pune, Maharashtra

Army Institute of Technology

Relevant coursework: Circuit Analysis, Communication Systems

TECHNICAL SKILLS

Languages and Frameworks: Elixir, Python, HTML, CSS, Javascript, Typescript, Tailwind, React, Phoenix, NodeJS

Databases and Data Query: MySQL, Redis, ElasticSearch, MongoDB, PostgreSQL, DynamoDB, GraphQL

Message Broker and Containers and Pipelines: Docker, Kubernetes, AWS, RabbitMQ, Github Actions

Version Control: Git

PROFESSIONAL EXPERIENCE

TCS - NISSAN, Nagpur, Maharashtra: System Engineer

DEC 2016 – DEC 2019

- Applied HIL AND MIL testing for ADAS features in Nissan Leaf(CAN, Matlab, Python)
- Automated dSpace simulation and report generation(CAN, Python)

StackAvenue, Pune, Maharashtra: Software Developer

DEC 2019 – OCT 2021

- Engineered Backend for time and project management software(Elixir, Phoenix, Redis, Postgres)
- Collaborated on Datakrew's MADS No-Code IoT platform(Elixir, Phoenix, ElasticSearch, Postgres, Redis)

WestAgile Labs Renamed Veltris, Pune, Maharashtra: Senior Software Developer

OCT 2021 - Present

- Engineered Backend for travel app UpAway(Python, Django, MySQL, Google Pub/Sub)
- Query Optimisation and Cloud Migration, Cypres Lawn(MySQL, Azure Studio, NodeJS)
- Engineered Backend for Board of Elections New York(Google Wallet Pass API, Apple Pass API, DynamoDB, Serverless)

OPENSOURCE PROJECTS

ex-dns

OCT 2023 - Present

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, showcasing adaptability in dynamic environments.
- Used GenStage for efficient, demand-driven data processing, showcasing scalable Elixir expertise.

notes-app

OCT 2023 - Present

Contributed to a Phoenix framework-based backend for a notes application

- Implemented pivotal features, such as a robust rate limiter and secure user authentication.
- Leveraged Phoenix channels for seamless real-time collaboration and communication.

HOBBIES

Tech Blogs, :

DEC 2019 – Present

- Write diverse technical blogs on weekends covering topics like Elm, AWS, dynamic Elixir queries, Python, etc. Published on Medium and thinkersclub.xyz.

Professional Development Activities, Pune, Maharashtra:

OCT 2023 - Present

- Participate in industry webinars, tech festivals, hackathons, developer meetups, and engage in discussions on marketing and sales strategies.