

Harshit Doshi

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I am committed to embarking on an ongoing learning journey to enhance my skills in software and computer systems, all the while maintaining my soft skills as the foundation of my endeavors.

EDUCATION

BUILDSPACE.SO

START-UPS & PRODUCT ENGINEERING

August 2016 - September 2023
 zupit.co
 /s4/demoday/zupit.co

Y COMBINATOR'S START-UP SCHOOL ONLINE

START-UPS & ENTREPRENEURSHIP
 June 2022 - August 2022

CHRIST UNIVERSITY BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING

July 2016 - June 2020
 GPA: 3.16 / 4.0 (7.91 / 10.00)

SKILLS

Major:

- Python • JavaScript • TypeScript
- FastAPI • Flask • Starlette
- Django • ReactJS • NextJS
- ExpressJS • Docker • Kubernetes
- PostgreSQL • MySQL • Redis
- NumPy • SciPy • Pandas

Minor:

Dart • Flutter • React Native • Java

Learning:

- Rust • Time-Series & Forecasting

LANGUAGES

- English: Fluent
- Hindi: Fluent (Native)
- Gujarati: Fluent (Native)
- French: Basic (Self-Taught)

EXPERIENCE

SHUNYAEK.SE CONSULTING SOFTWARE ENGINEER

June 2019 – Present | Remote, India

Building a brand and working with early-stage start-ups since I was in college and now as a full-time consultant.

- **humanata.ca** - (product) lead software engineer - social-network for non-profits
- **Jeev Daya Ghar** - (services) pro-bono - ERP for animal welfare
- **PayPal.com** - (product) senior consultant - cloud resources management app
- **Aliveo • AI** - (product) lead software engineer - LLM-driven digital marketing app
- **href • sbs** - (product/study) creator - URL shortening service
- **Phase10.ToolKit** - (product/hobby) creator - cards game utility
- **Ignited Mind Lab** - (services) senior front-end engineer - UI for ed-tech e-comm
- **PSY9.in** - (product) senior full-stack engineer - cloud SOC
- **Staple.IO** - (product) dev-ops engineer - CI/CD infrastructure
- **Lolo.Co** - (product) software engineer - no-code, low-code IoT platform

BOSTON CONSULTING GROUP JUNIOR SOFTWARE ENGINEER

October 2021 - January 2023 | Bengaluru, India

I worked with BCG GAMMA (now BCG X), the data and artificial intelligence division of BCG, which specializes in developing AI and data-driven solutions for clients.

- **Product: BCG x Sustainability** - Engineered a ML-based BCG product for industries to achieve sustainability goals. Led reporting: generated PDF, Excel, CSV reports per global protocols (GHG, CDP) using Python. Built API for integration with automated audits, managed data streams efficiently.
- **Client: Airline x Revenue Management** - Developed AI solution for flight revenue per IATA guidelines. Created app for airline revenue team, sourcing data from warehouses. Designed data-rich UIs in collaboration with designers. Integrated Django back-end with airline's authentication. Built schemas and models for revenue data.
- **Client: FMCG x Marketing** - Developed AI solution for global beverages client, boosting Eastern-European retail-chain yield. Created micro APIs for data ingestion, cleanup, and processing. Designed front-end charts and UI, featuring calendar-driven display of campaigns. Built schemas and APIs for data management and visualization.

ORACLE CERNER SYSTEM ENGINEER I

December 2019 – Sep 2021 | Bengaluru, India

Worked as a systems and dev-ops engineer, mainly aligned on tooling, infrastructure automation and dev-ops domain for their vast in-house cloud and infrastructure which ran their flagship electronic healthcare records product. **Responsibilities:** Mainly involved with infrastructure automation for the in-house cloud that Cerner has built, secure every server through rigorous best-practices, deploy applications on various servers using automation tools like Ansible, Python and shell-scripts, create build pipelines for Jenkins and GitHub Actions, built a CI/CD pipeline like application using Django and ReactJS for the team's change-management system thereby reducing change management tasks timeline from about 15 minutes per tasks to 2 minutes per task. **Technologies:**

- Monitoring & Observability (New Relic, Docker, Apache Mesos, Apache, Marathon, AppDynamics, Grafana, Prometheus)
- Automation (Python, Bash, PowerShell, Ansible, Chef, BMC APIs, Jira APIs, Docker APIs, New Relic APIs)
- Software Integration with HL7 FHIR and HIPAA compliance
- Legacy SOAP APIs & Web-Services Platform (IBM WebSphere, JVMs, Oracle & RedHat Linux, OpenStack)
- Modern APIs Platform (WSO2, VMware Tanzu, Pivotal Cloud Foundry, Oracle Linux, OpenStack)
- In-House Platform-as-a-Service (Apache Mesos, Apache Marathon, Docker, Oracle Linux, OpenStack)
- Legacy Financial Suites (Oracle, Vertex, Oracle Linux, OpenStack)
- Modern Financial Suites (Sage, SWIFT network, Oracle Linux, OpenStack)
- Modern Human Resource Management (HRM) Suite (WorkDay, WorkDay Studio)
- Incident Management & Ticketing (BMC TrueSight, Atlassian Jira)
- On-Call Availability (xMatters, PagerDuty)