

SAURABH DESHPANDE

he/him

Passionate Developer/ Engineer,
14+ years of experience,
Empathetic Leader



Personal info

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Links

- github.com/dsaurabhd
- saurabh-deshpande
- saurabhdeshpan5
- @facebook.com/dsaurabhd

Skills

- C#, Java, Typescript, Node.js, JavaScript, Python, Bash, Powershell, Javascript, C, C++
- PostgreSQL, SQL Server, MongoDB, DynamoDB, CosmosDB, VectorDB
- Azure, AWS, GCP, Heroku
- Linux, Windows, macOS
- VS Code, IntelliJ, Eclipse
- Docker, Git, Kubernetes, GraphQL, REST, OpenAI, Solr, Lucene, LLMs, Ollama



WORK EXPERIENCE

Moodys

Senior Software Engineer, Backend

JAN 2025 – JUNE 2025

- Architecture and design of backend APIs to support auth with Moodys Platform
 - Integration with Federations using OAuth2
 - Migration of 1M+ users to AWS Cognito from Okta
- Explore innovative Auth solutions to support scale and reduce COGS. Mentor New Employees

ElectroTempo

Tech Lead, Senior Software Engineer

JULY 2023 – NOV 2024

- Actionable Insights for EV Fleet owners and Energy Providers to support EV charging infrastructure setup and scaling
 - Built the data pipeline to generate energy & power demand predictions for energy providers.
 - Implemented APIs and visualizations to facilitate grid planning.
 - Image recognition of Parking lots from Geo-Satellite images using gpt models.
- Managed the offshore team
 - Did project management & planning for the offshore team. Provided technical guidance and mentorship

Divvy Homes

Senior Software Engineer

MAY 2021 – JULY 2023

- Built the offers workflow to enable purchase of homes at scale and co-ordinate move-in repairs.
 - Third party integrations for title generation (Qualia) & move-in repairs (Fotonotes).
 - Enabled offer bidding alongside Data Science team
- Data Ingestion Service to extract inspections reports from Fulcrum
- Pipeline for Customer Maintenance requests with multiple third party integrations

SirionLabs

Senior Software Engineer

MARCH 2020 – MAY 2021

- AI-powered search service for legal contract documents using Lucene and Elastic Search
- Infrastructure to package and deploy the micro-services as containers

Microsoft

Software Engineer II (SDE 2)

SEPT 2015 – MARCH 2020

- Sampling service for LUIS as part of Azure cognitive services for accurate training and predictions for document classifiers
- Billing Service for the Azure Networking team to prevent data loss of 50+ million and meet the JEDI latency requirements
- Monitoring and alerting system for Azure services around the globe. The system was used by field engineers and management to receive notifications on outages.
- Data ingestion of mail and calendar information at scale to facilitate Microsoft Workplace Analytics (Microsoft Viva).

WORK EXPERIENCE

VoloMetrix (acquired by Microsoft)

Software Engineer (SDE)

2014 – 2015

- Data Extraction Service for analytics of Exchange and Gmail mailboxes for various Fortune 500 companies
- Implementation of REST APIs for VoloMetrix KPI SDK

Servicenow

Software Engineer (SDE)

2013 – 2014

- Datacenter health monitoring using service-now workflows and bash scripts
- Validation & reporting tool to detect anomalies in file patterns on servers

Microsoft

Software Engineer (SDE)

2011 – 2013

- Design & implementation of role based security for retail roles using XDS framework in Dynamics AX
- Developed tools & automation for the CI/CD teams.

EDUCATION

Master of Science, NC State University (Graduate Degree)

RALEIGH AUG 2009 – DEC 2010

Degree: Master of Computer Science

GPA: 3.9/4

Awarded the NCSU Ring for academic excellence

Bachelor of Engineering, University of Mumbai (Under Graduate Degree)

MUMBAI 2003 – 2007




Degree: Bachelor of Computer Engineering

Graduated with First class (Magna Cum Laude)

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Languages

-  English (Fluent)
-  Hindi (Fluent)
-  Marathi (Mother tongue)





Patents

- 2019 Management of Indexed Data to improve content retrieval processing

Certifications & Trainings

- 2022 TribbleByte Certified Backend Specialist
- 2020 Unconscious Bias
- 2014 Scrum Master, Scrum Alliance

Hobbies

-  Chess
-  Biking
-  Video Games
-  Drums