

VATSAL UNADKAT

Uppsala, Sweden | vatsal.unadkat@gmail.com | [linkedin.com/in/vatsalunadkat](https://www.linkedin.com/in/vatsalunadkat) | github.com/vatsalunadkat

EDUCATION

Uppsala University

Master's in Information Systems

Sweden

Graduation in 2027

Georgia Institute of Technology (Georgia Tech)

Master's in Computer Science (MsCS)

USA

Graduated in 2025

Savitribai Phule Pune University (COEP)

Bachelor's in Computer Engineering

India

Graduated in 2021

Certifications: Data Science Specialization (IBM), Web Applications Specialization (University of Michigan), Foundations of UX Design (Google), Human-Centered Design for Inclusive Innovation (University of Toronto), + 10 more

WORK EXPERIENCE - 5+ YEARS

Lead Software Engineer

Sept 2024 – Aug 2025

Syneos Health (Biotechnology Research)

- Led end-to-end design and development of Python Django web application serving 15,000+ users; architected system optimizations and automation solutions that improved operational efficiency by 30% across workflows
- Partnered with C-suite and business units to gather requirements and build prototypes delivering data-driven recommendations; integrated application with Microsoft Power Platform (Power BI, Power Apps) for automated business intelligence dashboards that shaped product roadmaps
- Official Title: Lead Clinical Development Operations Analyst

Associate Backend Engineer

Sept 2022 – Aug 2024

Ridecell Inc. (Mobility and Logistics SaaS)

- Won company-wide hackathon 2023 by developing AI-powered translation solution that reduced approval cycles from 30 days to 1 day, saving 20+ hours monthly
- Drove rapid feature development using Python Django and REST framework for international expansion, enabling successful product launches in UK, Spain, Germany, and Poland
- Redesigned legacy codebase architecture, eliminating technical debt and establishing scalable solutions that reduced bug reports by 35%
- Mentored 3 interns and conducted code reviews focusing on performance optimization and best practices

Member of Technical Staff (Backend and DevOps)

July 2021 – Aug 2022

Mindstix Software Labs (Consulting SaaS)

- Architected and deployed client-facing backend system using PHP (Laravel), MySQL, and AWS (RDS, ELB, EC2), following Agile methodology and maintaining 95%+ code quality scores
- Contributed to architecture of 2 more projects (Python Django & Node.js/TypeScript) leveraging PostgreSQL, GraphQL (Apollo) and Azure ecosystem (CosmosDB, Key Vault, App Service)
- Built full-stack internal interview scheduling platform that eliminated 10+ hours of manual HR work weekly
- Created custom PHP training program that expedited onboarding time by 2 weeks

Software Trainee

Nov 2020 – June 2021

iSynergy TechSys Pvt. Ltd. (Consulting SaaS)

- Owned complete development lifecycle of Android application for international client, collaborating with cross-functional teams to deliver intuitive UX following Material Design guidelines
- Bachelor's thesis: Developed a Machine Learning (RNN LSTM) forecasting model for hospitality revenue management, improving occupancy prediction accuracy

HONOURS & AWARDS

Winner of Ridecell Onsite Hackathon 2023

13 Jan 2023

- Issued by Aarjav Trivedi, CEO Ridecell Inc.

Certificate for Outstanding Commitment

26 Oct 2018

- Issued by Joy George, VP and Head of HR, CDK Global