

VATSAL UNADKAT

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EDUCATION

Uppsala University <i>Master's in Information Systems</i>	Sweden <i>Graduation in 2027</i>
Georgia Institute of Technology (Georgia Tech) <i>Master's in Computer Science (MsCS)</i>	USA <i>Graduated in 2025</i>
Savitribai Phule Pune University (COEP) <i>Bachelor's in Computer Engineering</i>	India <i>Graduated in 2021</i>
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 <i>Syneos Health (Biotechnology Research)</i>	Sept 2024 – Aug 2025
<ul style="list-style-type: none">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 workflowsPartnered 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 roadmapsOfficial Title: Lead Clinical Development Operations Analyst	
Associate Backend Engineer <i>Ridecell Inc. (Mobility and Logistics SaaS)</i>	Sept 2022 – Aug 2024
<ul style="list-style-type: none">Won company-wide hackathon 2023 by developing AI-powered translation solution that reduced approval cycles from 30 days to 1 day, saving 20+ hours monthlyDrove rapid feature development using Python Django and REST framework for international expansion, enabling successful product launches in UK, Spain, Germany, and PolandRedesigned 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) <i>Mindstix Software Labs (Consulting SaaS)</i>	July 2021 – Aug 2022
<ul style="list-style-type: none">Architected and deployed client-facing backend system using PHP (Laravel), MySQL, and AWS (RDS, ELB, EC2), following Agile methodology and maintaining 95%+ code quality scoresContributed 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 weeklyCreated custom PHP training program that expedited onboarding time by 2 weeks	

Software Trainee <i>iSynergy TechSys Pvt. Ltd. (Consulting SaaS)</i>	Nov 2020 – June 2021
<ul style="list-style-type: none">Owned complete development lifecycle of Android application for international client, collaborating with cross-functional teams to deliver intuitive UX following Material Design guidelinesBachelor'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
<ul style="list-style-type: none">Issued by Aarjav Trivedi, CEO Ridecell Inc.	
Certificate for Outstanding Commitment	26 Oct 2018
<ul style="list-style-type: none">Issued by Joy George, VP and Head of HR, CDK Global	