

Harsh Suvarna

Software Developer

Glasgow, Scotland

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Academic Qualification

Degree	Institute	Year	Coursework
M.Sc. Information Technology	University of Glasgow	Sep 2023-present	Software Development, Database theory and Analytics, Enterprise Cyber Security
B.E. Instrumentation Engineering	Mumbai University	July 2017-Aug 2021	Structured Programming Approach, DBMS, Object Oriented Programming Grade – 8.8/10

Technical Skills

JavaScript, Typescript, HTML, CSS, React, Svelte, NodeJs, ExpressJs, NestJs, Docker, MySQL, PostgreSQL, MongoDB, Git, AWS (Lambda, S3, ECS, EC2, Cognito), Python, Java, GitHub workflows, Jira.

Professional Experience

Full Stack Developer Code B Mumbai, India Aug 2022 - July 2023	<ul style="list-style-type: none">Created comprehensive full-stack web applications with over 50 fields, serving clients from the UK and the US.Developed real-time chat applications and chat rooms using Web Socket technology.Utilised Puppeteer to develop web automation scripts and web scraping tools, enabling efficient data mining.Contributed to the development of quality assurance tools for automated testing, enhancing software reliability and performance. <i>Skills – React, Typescript, AWS, Svelte, Nodejs, Html, CSS, MongoDB, ExpressJs, NestJs, Docker, Puppeteer, Playwright, Object oriented programming, Data Structures, Documentation</i>
Backend Developer DVastra Fashion Remote, India Feb 2022 – Aug 2022	<ul style="list-style-type: none">Developed backend of <u>D'Vastra</u> App, currently available on Google Play store.Created the Continuous Integration/<i>Continuous Deployment</i> pipeline, designed the database schema, and orchestrated cloud computing instances.Implemented the bulk upload feature, enabling sellers to seamlessly upload data through Excel sheets, leading to a 30% increase in the client's App experience measured via client survey. <i>Skills - Python, Fast Api, MySQL, Google Cloud Platform, GitHub, GitHub Actions, Docker</i>
Analyst in Business Consulting Ernst & Young Mumbai, India Jul 2021 – Jan 2022	<ul style="list-style-type: none">Performed monthly audits on Banking products encompassing RTGS, NEFT, cash clearing and Demand drafts.Achieved a 60% reduction in audit time by extensively utilising EY Digicube, streamlining financial data, and automating critical processes.Conducted both planned and surprise audits of bank branches across diverse locations, including Mumbai, Delhi, Bengaluru, and Pune. <i>Skills – Python, Advance Excel, Consulting, Team collaboration</i>

Achievements

- Earned the EY "I am Exception" award for displaying outstanding and innovative intellectual contributions.
- Created mathematical model and simulation of heat dissipation systems and solar tracker using MATLAB which contributed to propelling the team into top five finalists in the Solar Decathlon India 2020-2021, for building resilient shelters, competing against over 100 teams nationwide.