

Akshat Srivastava

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EDUCATION

George Brown College (Toronto, ON)

- Blockchain Development
- Mobile Application Development and Strategy (Android, IOS, Cross Platform)

DIT University – Bachelor of Technology in Computer Science

TECHNICAL SKILLS

Frontend: React, Angular, React Native, HTML5, CSS3, JavaScript

Backend: Node, C#, ASP.NET, Microservices, REST APIs

Databases: MySQL, PostgreSQL, MongoDB

Cloud & DevOps: AWS, CI/CD Pipelines, Git, Docker, Terraform

Blockchain: Solidity, Ethereum, Hardhat, Ganache

Other Expertise: System Design, OOPs, Agile/Scrum, Scalable Architecture, API Integration

WORK EXPERIENCE

Software Developer

MARCH 2025 | PRESENT

[SHC Technologies](#), Georgia, US - A digital health enterprise transforming global healthcare.

- Designed and implemented a **payment gateway microservice** using **Node.js, TypeScript, and Express** with **Stripe integration** and **JWT-based authentication**, supporting **subscriptions, top-ups, gift cards**.
- Migrated backend services from EC2 to ECS Fargate, reducing **infra cost by ~25%** and enabling zero-downtime rolling deployments and improved autoscaling.
- Diagnosed and resolved platform-level bugs, **reducing error rates by 80%** through analytical problem-solving and a deep understanding of business workflows and system architecture

System Engineer → Senior System Engineer

FEB 2020 | OCT 2022

[Infosys](#), Bangalore, India - Global leader in IT consulting and enterprise solutions, clients across 50+ countries

- Resolved **500+ production bugs** through breakpoint-based, step-through debugging, analyzing execution flow, variables, and application state
- Participated in daily scrum rituals, code reviews and pair-programming sessions, contributing to higher code quality and reducing defect leakage into production.

PROJECTS

[TrustBlu](#) - A full stack trust and reward platform

- Built a **React SPA** with role-based dashboards, **AuthContext** with **JWT handling and token refresh**; used **Tailwind CSS, Framer Motion**, and **React Router** for landing, waitlist, and dashboard flows integrated with the backend API.
- Developed a **TypeScript/Express REST API, JWT middleware**, waitlist and appointment endpoints, admin notifications, **Nodemailer** for waitlist emails, **Winston logging**, and **Heroku deployment**.

[Phone Verification](#) - A full stack phone verification app

- Developed a phone verification service using **React, Node.js, Express, MongoDB**, and **Twilio** for SMS-based sign-up and verification.
- Deployed backend to AWS Lambda and API Gateway via **Serverless Framework**; used **JWT** for authenticated sessions.

VOLUNTEER EXPERIENCE

Secretary, Decentralized Minds, Toronto, ON

AUG 2024 | DEC 2024

- Student-focused blockchain community at George Brown College that onboarded and supported new learners through workshops, hackathons, seminars, and event coordination.

AWARDS

- **Player of the tournament** Mini Militia, DIT University, 2016
- **Player of the tournament** FIFA 18, DIT University, 2019