

ANKU SHARMA

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[Github](#)

EDUCATION

Indiana University, Bloomington IN, United States

Aug 2022 - May 2024

Master of Science in Computer Science

Amity University, Noida, India

Aug 2016 - May 2020

Bachelor of Technology in Computer Science and Engineering

TECHNICAL SKILLS

- **Programming Languages:** Java, Python3, JavaScript, TypeScript, HTML, CSS, jQuery, SQL, C#, .NET
- **Libraries/Framework:** Selenium, TestNG, Junit, Flutter, Vue 3, React, Spring Boot, Flask, RabbitMQ
- **Tools & Technologies:** MsSQL, MongoDB, PostgreSQL, DBeaver, JIRA, Git, Jenkins, GCP, AWS, Kubernetes
- **Certifications:** Automation Testing, Java, C, CCNA Routing and Switching

WORK EXPERIENCE

Hoosier Community Network, USA

Aug 2024 - Apr 2025

Front-End Software Engineer

- Translated business specs into **Dockerized Node.js / Vue** micro-services on **AWS ECS** with **Terraform IaC** and GitHub Actions **blue-green deploys** to halve release time and maintain 99.9% uptime.
- Built dashboards in **Vue, TypeScript** and **React** served by a **Node.js GraphQL** gateway on **PostgreSQL**; added **JWT auth**, schema stitching, and **CI/CD**, to trim worse-case page-load times by 25% and boosting engagement.

Sweat Equity Systems, Florida, USA

Jul 2023 - Dec 2023

Front-End Software Engineer Intern

- Spearheaded fitness-app messaging stack on **AWS EC2** and used a **Vue TypeScript** front end with Twilio SMS/WhatsApp back end to scale traffic and boosting daily active users by 30%.
- Developed **OAuth 2.0 SSO** with **Flutter** and **TypeScript-based Vue** via **Google API Client Library** to integrate Gmail login and ensure reliable token refresh.
- Engineered event-driven push alerts with **Flutter FCM**, **AWS Lambda** callbacks, and **Twilio APIs** to deliver sub-second messaging and increase user retention by 30%.

Accenture, Gurugram, India

Nov 2020 - Aug 2022

Software Engineer

- Developed a cash-tracking portal with **C#**, **ASP.NET Core MVC**, piping requests through custom middleware and MVC filters to harden input validation and boost overall throughput.
- Implemented policy-based security with **ASP.NET Core Identity**, **OAuth 2.0**, enforcing fine-grained RBAC and cutting unauthorized access by 40% while passing SOC 2 penetration tests.
- Modeled financial data on **SQL Server** via **Entity Framework Core**, authored performant LINQ/EF queries, created indexed views that halved monthly-close report latency.
- Exposed partner services through **ASP.NET Core Web API** documented with **Swagger/OpenAPI** and layered with MediatR CQRS, gRPC channels to accelerate third-party onboarding by 30%.
- Added **Redis in-memory caching** and **Hangfire** with **Azure Service Bus** background jobs to off-load reconciliation tasks which led to reduction in peak page-load times by 45%.
- Stream-processed audit events with **Confluent Kafka .NET client**, keeping ingest latency below 5ms for 99 % of messages while maintaining 99.9% cluster uptime.

Delhi Transco Limited, Delhi, India

May 2019 - Jul 2019

Front-End Software Engineer Intern

- Refactored **React** components with **hooks**, **memoization**, **virtualization**, improving rendering performance by 20%.
- Boosted website performance with **code splitting**, **lazy loading**, **minification**, reducing website load time by 4 sec.

ACADEMIC PROJECTS

ClipMate - Chrome Extension | *JavaScript, HTML, CSS, Chrome Extensions API*

Mar 2025 - Present

- Designed and built a **Chrome extension** for **efficient clipboard management**, integrating **real-time search**, **item deletion**, and **browser storage**, enhancing **productivity** and cutting **manual effort by 90%**.
- Formulated an **email-sharing feature** for sharing data with **dynamic form submissions**, **serverless architecture**.

WhatsApp Bot | *Python, Flask*

Dec 2023 - Jan 2024

- Developed a **WhatsApp chatbot** that searches the web using the **googlesearch library** and delivers the **top 3 results** via **Twilio API**, ensuring **97% accuracy** while eliminating the need to switch applications.

Delivery Management System: B-Town Dash | *React, Node.js, JavaScript, MongoDB*

Feb 2023 - Apr 2023

- Orchestrated and refined **dashboards** for a **delivery management system**, enhancing **customer experience** with **seamless order tracking** and **real-time feedback**, potentially reducing **cancellations by 50%**.
- Pioneered **UI component development** with **React**, **backend integration**, and **elevated website performance**.