

# Archit Gupta

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## EDUCATION

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**North Carolina State University**  
*Master of Computer Science*

08/2024 – 05/2026 | Raleigh, USA

**Manipal Institute of Technology**  
*B.Tech, Information Technology*

07/2018 – 07/2022 | Manipal, India

## WORK EXPERIENCE

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**Software Engineer**  
*2070 Health*

03/2024 – 07/2024 | Bangalore, India

- Developed backend APIs to send push notifications to mobile app with relevant deep linking for assigned doctor's updates
- Implemented a coupon application and management system for the e-commerce module including models and APIs to manage custom discounts via Python and Django

**Software Engineer**  
*Bonatra*

09/2022 – 03/2024 | Bangalore, India

- Advanced UI/UX of Bonatra's web and mobile apps through React and React Native development using tools including Redux and Webpack, elevating visual appeal and user experience.
- Integrated Shiprocket seamlessly via Python in ERPNext: Automated order creation, setup real-time status updates, and centralized order control through custom dashboard, reducing average delivery time by 47%.
- Led the migration from Jinja templating and HTML/CSS frontend to NextJS App with React and TypeScript, increasing lighthouse performance score by 65% and SEO score by 58% and decreasing bugs with Sentry logs.
- Engineered intuitive user interface for smart ring with bluetooth connectivity and sync, enabling multiple health parameter tracking via React Native and MongoDB with the Atlas Device SDK

**Software Engineer Intern**  
*QuickMetrix*

01/2022 – 06/2022 | Remote

- Built an activity log with Python in FastAPI to track and record user events on software product.
- Integrated new logs into user interface using JavaScript to improve uniformity across log types and deployed it to cloud infrastructure.
- Helped migrate more than 200,000 old logs to new database with conversion scripts for new format, reducing query time by 32%.

**Intern Trainee**  
*Ericsson*

06/2021 – 08/2021 | Remote

- Developed a chat server room using Python with socket programming and executed SQL procedures with PL/SQL
- Scripted Linux shell programs to perform file encryption and monitor machine resource utilization.

## SKILLS

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Python, JavaScript, Ruby, TypeScript, SQL, React, FastAPI, MongoDB, AWS, Git, Linux

## PROJECTS

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**Patrika** 🔗

*Python, Langchain, FastAPI, NextJS, TypeScript, PostgreSQL, Docker*

- Designed a full stack journaling app that presents a Notion like WYSIWYG editor interface
- Allows user to create notes and documents with generative AI based on retrieval augmented generation of the user's own personal documents and PDF files
- Uses a vector database extension along with PostgreSQL to store the user's notes and for retrieval augmented generation
- Deployed with Docker, GCP Cloud Run and Vercel setup with a CI/CD pipeline. Open Sourced on Github