

# Naman Gujarathi

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## EDUCATION

### Northeastern University, Boston, MA

Expected May 2024

#### Master of Science in Information Systems

Relevant Coursework: Application Engineering and Development, Web Development, User Design Experience and Testing

### Rajiv Gandhi Pradyogiki Vishwavidyalaya, Indore, India

#### Bachelor of Engineering in Information Technology

May 2020

Relevant Coursework: Collection Framework, Data Structures and Algorithm, Object-Oriented Design, Operating Systems, Database Management Systems, Distributed Systems, Computer Network

## SKILLS and TECHNOLOGIES

- **Programming Languages:** Java, Python, C, C++
- **Web Frameworks:** HTML, CSS, JavaScript, Typescript, React.js, Angular.js, Node.js, Express
- **Cloud Technologies:** Amazon Web Services, Infrastructure as Code, Terraform, HCL, Packer, DNS, Docker
- **Framework and Tools:** Spring, SpringBoot, Postman, Unix, Shell Programming, Git, Github, Agile
- **Database:** MS SQL Server, MySQL, Oracle Database, SQLite, Firebase, MongoDB, GraphQL

## PROFESSIONAL EXPERIENCE

### Capgemini, Mumbai, India

Oct 2020 - Jun 2022

#### Software Engineer (Jul 2021 - Jun 2022)

- Achieved a 15% efficiency increase by developing a **React.js**-based custom CMS, revolutionizing platform content management for non-technical users and enhancing analytics capabilities
- Boosted deployment speed by 30% and achieved a steadfast 99.9% uptime during feature launches through the strategic implementation of **CI/CD pipelines** via **Terraform**
- Integrated **Node.js** with **MySQL** for a 20% boost in query efficiency and utilized **Terraform on AWS** to ensure consistent deployments and 24/7 monitoring with **CloudWatch**

#### Associate Software Engineer (Oct 2020 - Jun 2021)

- Designed and optimized **UI components** using **HTML, CSS, React.js**, and **Node.js**, resulting in a notable 15% uplift in user engagement metrics such as click-through and conversion rates
- Pioneered the development of a **RESTful API** using Node.js, fostering seamless collaboration between front-end and back-end developers, and leveraging MySQL for efficient data storage and retrieval
- Enhanced system scalability with a dynamic caching mechanism, cutting server response times by 20% and supporting a 50% user surge

### Endeavor IT Solution, Indore, India

Jun 2018 - Aug 2018

#### Software Developer Intern

- Developed backend modules in the **Java Spring Boot** environment, enhancing data processing speed by 25% and seamlessly integrating with MySQL using **Data Access Objects**
- Optimized database queries through MySQL, improving retrieval times by 15%, and played a pivotal role in advancing the data storage and access capabilities.

## ACADEMIC PROJECTS

### TerraSuite: Scalable AWS Web Deployment (Node.js, PostgreSQL, AWS)

Jul 2023 - Sept 2023

- Designed a cloud-native web app using **Node.js**, **PostgreSQL**, and **AWS S3**, optimized user experience with DNS mapping and managed data via **RESTful APIs**, resulting in enhanced data handling and improved server response times
- Architected infrastructure with **Terraform** for resource management, created custom AMIs via Packer, and established **CI/CD pipelines on GitHub**, ensuring quick and error-free deployments to production

### EventXpert (Spring Boot, Hibernate, MySQL, DAO)

Apr 2023 - Jun 2023

- Created a comprehensive system for event planning, registration, and management, enabling seamless communication and collaboration between organizers and attendees
- Developed frontend using React.js and utilized **Spring Boot framework**, **Data Access Object (DAO)**, and **Hibernate** for efficient backend development and data persistence with MySQL database

### MediConnect (MongoDB, Express, React.js, Node.js)

Jan 2023 - Mar 2023

- Developed an online healthcare platform utilizing the **MERN** stack, facilitated user interaction with a multifaceted array of healthcare professionals, community engagement, and job searches
- Built a high-performance infrastructure using Node.js, incorporating various functionalities such as user engagement, profile management, and content management to optimize the overall user experience and functionality of the application

## HONORS and LEADERSHIP

- Received recognition for service improvement contribution at the **Capgemini Star Award 2021** event
- Led **Cloud Study Jam** hands-on workshops as a part of the **Developer Student Club** on topics including Google Cloud Essential, and Networking in Google Cloud attended by over 200 students