

# Anita Bhagashetti

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## EDUCATION

### Masters in Computer Science

State University of New York, Binghamton

August 2024 – December 2025

GPA: 3.83/4

### Bachelor of Technology, Electronics and Communication Engineering

JSS Science and Technology University, Mysuru

August 2017 – May 2021

GPA: 3.7/4

## PROFESSIONAL EXPERIENCE

### Software Engineer | Zeomega | Bangalore

July 2023 – July 2024

- Enhanced UI/UX for the Jiva healthcare management system using AngularJS, JavaScript, and CSS. Implemented lazy loading and infinite scroll for optimal content rendering, reducing website load time by 40%, and improving overall performance.
- Migrated monolithic backend architecture to microservices, developing scalable solutions with Python & SQLAlchemy. Streamlined data retrieval processes, achieving a 40% faster response rate, and supporting agile development practices for enhanced flexibility.
- Streamlined the CI/CD pipeline by leveraging Docker for containerized images and Kubernetes for orchestration, reducing deployment time by 50%. Enhanced scalability and stability across multiple environments by implementing automated testing.
- Collaborated with cross-functional teams to integrate customer-focused functionalities, ensuring seamless delivery and achieving a 25% boost in customer satisfaction through agile methodologies and version control practices.
- Tech Stack: AngularJS, JavaScript, Docker, Kubernetes, Python, SQL, Continuous Integration and Continuous Deployment.

### Software Engineer | Flutura(Accenture) | Bangalore

July 2022 – May 2023

- Pioneered a page for Flutura Product using the MERN stack, allowing to display machine details (location, status), giving alerts. Integrated third-party APIs such as Maps, enhancing application functionality and improving data accuracy by 30%.
- Revamped and Optimised RESTful APIs using Node.js and Express.js to handle data retrieval, processing, and storage, ensuring high performance and scalability, leading to a 40% reduction in response time and improved system efficiency.
- Conceptualized MongoDB to design and implement the database schema, including data modeling, indexing, and data validation, and wrote efficient queries leveraging Python and PyMongo module, increasing data retrieval speed by 35%.
- Accelerated frontend development by 30% with reusable React components, widely adopted across the organization.
- Tech Stack: React, Node.js, Express.js, MongoDB, Python.

### Software Engineer | DXC Technology | Bangalore

August 2021 – June 2022

- Collaborated on a responsive web application, improving user experience and reducing page load times by 20% through optimizing HTML, CSS, and JavaScript, while ensuring cross-browser compatibility and mobile responsiveness.
- Facilitated in backend with Django, leading to a 15% efficiency improvement and accelerated project timelines by 10%.
- Designed and implemented a job scheduling service in Python, integrating Kafka for distributed messaging and task coordination.
- Tech Stack: HTML, CSS, Javascript, Django, Kafka.

## PROJECT EXPERIENCE

### TechMania | Scikit-Learn, Pandas, Numpy | [Git](#)

- Developed a Search Engine to perform rank retrieval using Cosine Similarity increasing the search relevance by 35%, on articles (36GB) using Beautiful Soup and employed Scikit-Learn, Numpy, Seaborn to process and analyze text data.

### Acad-One | React, Node.js, Express.js, MongoDB, REST APIs | [Git](#)

- Developed an enterprise web application for educational services using React.js for a responsive UI, Node.js, Express.js for secure authentication, leveraging NoSQL for efficient data management, and achieving less than 1 second load time.

### Medical Record Management | Django, Python, JavaScript, REST APIs | [Git](#)

- Programmed web application backend with Python, Django, SQL to streamline prescription management, improving patient record access by 50%, while implementing responsive frontend features using HTML, CSS, and JavaScript.

## TECHNICAL SKILLS

**Languages & Tools:** JavaScript, TypeScript, Python, Java, Go, CSS, HTML, C++, C, Postman

**Frameworks:** React, Angular, Node.js, Express.js, Redux, Django, Next.js, Maven, NPM, Kafka

**Cloud & Databases:** AWS, Azure, SQL Server, MySQL, PostgreSQL, MongoDB, Redis, Influx DB

**Infra & DevOps:** Docker, Kubernetes, Helm Charts, Ansible, Git, Jira, Linux, Terraform, Shell, Bash

**Core Concepts:** Data Structures, Object-Oriented Programming (OOP), Algorithms Analysis, Database Management Systems, Machine Learning, Deep Learning, Artificial Intelligence, Functional Programming, Operating Systems

## Achievements

**Works:** Graduate Assistant at Binghamton University, guiding students in Data Structures and Python programming.

**Certifications:** Microsoft Azure Fundamentals, Node.js and React certifications.

**Hackathons:** Secured Runner-Up at Jayciana and Winner at Techfisia (Innovative Product Design) through effective collaboration and creating scalable product designs.