Nishant Bipin Gada

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EDUCATION

Master of Science in Computer Software Engineering   **September 2023 - December 2025 (Expected)**
Northeastern University, Boston, MA
Relevant Coursework: Network Structures & Cloud Computing, Data Structures & Algorithms, Enterprise Software Design, Object Oriented Design, Web Design & User Experience Engineering, User Experience Design & Testing

Bachelor of Technology in Electronics and Telecommunication Engineering   **August 2017 - June 2021**
University of Mumbai, India
Relevant Coursework: Android Application Development, Analysis of Algorithms, Operating Systems, Neural Networks and Fuzzy Logic, Big Data Analytics, Cryptography and System Security, Object Oriented Programming

SKILLS

Languages/Technologies:	Python, Java, Spring Boot, Hibernate, JavaScript, TypeScript, C, C++, C#, Golang, Kotlin, Perl, Dart
Frameworks:	MVC, Django, Flask, Falcon
Databases:	SQL, MySQL, PostgreSQL, MongoDB, Redis, NoSQL, Firebase, MariaDB, SQLite, Oracle
Full Stack:	React, Angular, Vue, Next, Node, Express, jQuery, PHP, Laravel, HTML, CSS
Mobile Applications:	React-Native, Flutter, Swift
DevOps & CI/CD:	Docker, Jenkins, Kubernetes, GitHub Actions
Cloud Computing:	Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, Terraform, Heroku, Netlify

EXPERIENCE

Think360.ai, Mumbai, India: Software Developer   **September 2021 - June 2023**
- Managed and optimized backend infrastructure for a secure, high-traffic KYC module using Python and AWS services like Lambda, S3, DynamoDB, API Gateway, CodeCommit, and CloudWatch, enhancing system efficiency and reliability
- Boosted client positive funnel by over 36% through Python-based code optimization and test-driven development
- Spearheaded the creation of a React, Python, and AWS-powered dashboard for company-wide internal audits, conducting product demos, and meetings with senior executives; enhancing service response time by more than 22%
- Rapidly delivered a full-stack "Loan Disbursal System" within 4 sprints, developing a responsive front-end in React, a robust backend with Python and SQL, optimizing caching using Redis and leveraging AWS for cloud solutions within the agile framework

Accenture, Mumbai, India: Associate Software Engineer   **June 2021 - September 2021**
- Engineered a React-Native, Python, Django, and AWS-based app for users to input health data, facilitating analysis and insights for better fitness goal comprehension
- Reduced SQL query response time by over 82% through strategic indexing and optimization techniques, significantly improving data retrieval speed and user experience
- Demonstrated strong analytical and reporting skills by consistently meeting project deadlines ahead of schedule

Nirol, India: Full Stack Development Intern   **April 2020 - May 2020**
- Led a team of 5 interns to develop a TikTok/YouTube-like video-sharing platform for a startup using Python, Django, SQL, and JavaScript, resulting in a 18% increase in user engagement
- Established the backend infrastructure to enable core features like posting, following, liking, and commenting, which improved platform interactivity by 37%

PROJECTS

Jiraffe | Java, Spring Boot, Spring MVC, Hibernate ORM, JSP   **January 2024 - April 2024**
- Developed a bug tracking application using with a user-friendly JSP interface, improving bug resolution efficiency
- Implemented role-based authorization, allowing users to report, assign, and track bugs, leading to a 46% reduction in unauthorized actions and improving task delegation
- Leveraged the Hibernate ORM and DAO patterns to manage data efficiently and provide real-time updates via backend APIs
- Designed a dashboard with advanced filtering and sorting, offering a comprehensive view of reported bugs and their statuses, enhancing bug tracking efficiency by 33%

BostonTown | React, Express, Node, MongoDB   **September 2023 - December 2023**
- Directed a development team of 4 to create a listing website for Boston with over 300,000 properties, streamlining user connections and improving search efficiency for roommates, apartments, and agents, resulting in a 21% increase in user engagement
- Conceptualized and authored a user reporting feature for unsafe incidents, visualized through an interactive heat map, leading to a 19% increase in user trust and informed decision-making on apartment rentals
- Developed frontend and backend features using the MERN stack, optimizing performance and user interface, resulting in a 28% improvement in site load times

UnWritten | Python, Django, MySQL, HTML, CSS, JavaScript   **January 2021 - February 2021**
- Built a highly functional blogging platform showcasing full-stack development skills, focusing on building a robust backend to support blog creation, media uploads, and timestamp tracking, increasing platform stability
- Created advanced search and filtering features, categorizing blogs into multiple sections, improving user navigation and increasing content discovery by 41%