ANKITA **NAYAK**

ankitanayak221194@gmail.com | 976-941-2247 | linkedin.com/in/ankitapnayak
Navi Mumbai, India

Education

University of Mumbai

Aug 2012 - May 2016

Bachelor of Computer Engineering
• **CGPA:** 7.79

Skills

Languages and Frameworks	HTML, CSS, Javascript, Vue.js, TypeScript, Node.js, Puppeteer, PHP, Java, Bootstrap, MySQL
Tools	Visual Studio Code, IntelliJ, Eclipse, Notepad++, Sublime Text 3
Additional skills	Git, AWS, Mocha, Jest, RESTful API, Postman, Selenium, Mixpanel, Google Analytics, Web accessibility, SEO, WordPress, Laravel, Marklogic, Microservices, Docker

Professional Experience

MasterCard

Software Engineer II – Puppetmaster | Connect | FinTech
Airoli, Navi Mumbai | Oct 2022 – Present

• **Node.js Backend Development**: Designed and implemented scalable backend services using Node.js to optimize customer and transaction APIs. Achieved a 30% performance boost by leveraging asynchronous processing, caching, and efficient query handling.
• **Vue.js Frontend Development**: Revamped Mastercard's Connect application using Vue.js, focusing on responsive, mobile-first designs. Improved user engagement by 40% and reduced page load times by 25% through state management optimizations with Vuex.
• **Data Analysis & Monitoring**: Integrated monitoring solutions using Splunk, Gemini, Snowflake, and Tableau with Node.js services. Delivered actionable insights that maintained system error rates below 5% while increasing profit margins by 20%.
• **Automation with Puppeteer**: Automated browser tasks and regression tests using Puppeteer, reducing manual testing by 50%. Enhanced the quality of API integrations and customer-facing interfaces.
• **AWS Infrastructure & Deployment**: Deployed Node.js services using AWS EC2 and Lambda for a serverless architecture. Utilized S3 for storage solutions and CloudWatch for real-time monitoring, ensuring 99.9% uptime and optimized resource usage.
• **Agile Leadership**: Managed a cross-functional team of 5+ professionals to deliver Node.js and Vue.js solutions with a 95% on-time delivery rate. Conducted code reviews, mentored team members, and facilitated continuous delivery practices.

NEC Software Solutions

Software Engineer - Emerald Publishing | Customer Projects Team
Airoli, Navi Mumbai | May 2019 – Sep 2022

• **Vue.js Feature Development**: Developed reusable components and features for the Emerald Insight website using Vue.js, improving operational efficiency and customer satisfaction by 25%.
• **Node.js Middleware Solutions:** Designed and implemented scalable middleware and RESTful APIs using Node.js and Spring Boot. Enhanced backend integration, achieving a 20% reduction in latency.
• **AWS Infrastructure & Monitoring**: Configured AWS solutions, including EC2 for hosting, S3 for storage, and WAF for security. Integrated monitoring systems with AWS CloudWatch and Grafana to maintain 99.9% system uptime.
• **Database Optimization**: Managed the MarkLogic database and integrated Node.js modules to enhance query performance and backend stability. Reduced processing times by 30%.
• **DevOps & Automation**: Automated infrastructure provisioning with Terraform and tested backend processes using Jest, JUnit, and Selenium. Streamlined CI/CD pipelines using Jenkins and SonarQube, reducing deployment times by 30%.
• **SEO & Accessibility**: Improved website SEO and accessibility using CSP, GTM, and Mixpanel tracking. Enhanced cross-device responsiveness with Bootstrap for a seamless user experience.

Rave technologies - A Northgate Public Services Company

Software Engineer - British Psychological Society (BPS) | Customer Projects Team |
Project Management Team | Audit Team – BOSS
Worli, Mumbai | Jun 2018 – Aug 2019

• **Website Design & Maintenance**: Spearheaded the design and maintenance of the BPS website using the Kohana framework, optimizing medical examination processes for students across the UK and Europe.
• **Data Migration & Redesign**: Collaborated with senior engineers to migrate BPS site data and successfully contributed to a full site redesign on the .NET framework.
• **Application Maintenance & Optimization**: Managed the BOSS .NET application for the audit team, ensuring high system availability and performance for audit-related tasks.
• **Report Generation & Issue Resolution**: Led efforts in generating detailed audit reports and addressing application issues, enhancing process efficiency.

Associate Software Engineer | Software Engineer - Project Management Team | Customer Portal re-design
Worli, Mumbai | Jul 2016 – Aug 2019

• **UI Development & Bug Fixing**: Developed dynamic UI components in WordPress to optimize product purchasing for multiple sectors, improving user experience and resolving issues quickly.
• **Database & Server Maintenance**: Managed WordPress upgrades and MySQL database, ensuring seamless website performance and prompt network issue resolution.

Languages

• English • Hindi • Marathi • Odia