

NISHI PANCHOLI

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EDUCATION

Northeastern University

Master of Science in Information Systems | GPA: 3.77/4.0

Boston, MA

Expected May 2025

University of Mumbai

Bachelor of Engineering in Information Technology | GPA: 9.28/10.0

Mumbai, India

Aug 2017 - Sep 2020

Relevant Courses: Application Engineering & Development, Web design and User Experience, Algorithms, Network Structures and Cloud Computing, Agile Software Development, User Experience Design/Testing, Software Design Patterns.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL.

Databases: MySQL, PostgreSQL, MongoDB, Cassandra.

Tools: Git, Postman, Jira, Figma.

Web: React, Angular, Node, React Native, HTML, CSS, Rest, AJAX, PHP, RESTful API.

Cloud: AWS, GCP, S3, RDS.

Frameworks: Express, Spring, jQuery, ASP .NET, Flask.

Methodologies & OS: Agile, Scrum, Linux, Windows, Mac.

WORK EXPERIENCE

Onyva Solution

Technology Integration Intern | Full Stack Developer | React, Node, Php, Django, AWS

Boston, MA

Jan 2024 – Sep 2024

- Developed and launched a transformative website for the grooming industry, starting with PHP and Laravel for backend development, incorporating Django for specific microservices, and later transitioning to the MERN stack to improve scalability and maintainability.
- Seamlessly integrated Laravel APIs and Django-based microservices with a modern Node.js and React frontend, enhancing user experience and platform functionality across desktop and mobile.
- Designed and implemented a custom algorithm for personalized booking, driving a 25% increase in customer engagement and enhancing user satisfaction.
- Leveraged AWS services, including EC2 and RDS, to enhance scalability, system reliability, and cloud integration, contributing to the platform's high availability.

Larsen And Toubro Infotech Mindtree

Software Engineer | Full Stack Developer | Angular, NodeJS, Express, Vue.js, Mongodb, Git, FastAPI

Mumbai, India

Jan 2021 – Dec 2022

- Engineered a scalable digital asset management system for a prominent production house using a robust tech stack including MongoDB, PostgreSQL, React, React Native, Express.js, and Node.js.
- Implemented highly efficient APIs with RESTful services and GraphQL, ensuring seamless data retrieval and integration with frontend systems.
- Conducted extensive unit testing and optimization, enabling the system to efficiently manage and organize 6.3 million articles, images, layouts, videos, and audio files across 279 publications, improving asset accessibility and operational efficiency.

PROJECTS

Medical Web Application | Python, React Native, Javascript, FastAPI, ARM Algorithm, PHP

- Designed and developed a website to order medicines online with React Native and used Associated Rule Mining data techniques for data mining to get 60% data insights which used Flask and FastAPI.

Digital Asset Management Website | Angular JS, GraphQL, Node.js, Express.js, Airtable

- Spearheaded the development of a comprehensive website using React.js, Express.js, Node.js which used GraphQL to interact with Airtable, implementing rigorous unit testing and collaborating with a DTE team of 9 to enhance magazine contributor management and digital asset management web application which was also maintained over the cloud infrastructure linked with AWS.

Insurance Portal | JavaScript, React, MongoDB, JSON, RestAPI, Jest, Feathers.js

- Developed an insurance-centric portal, serving 3.5 million clients using MERN stack, which generated quotes based on user questionnaire responses; orchestrated the migration and implementation of RESTful API following OpenAPI standard and MVC architecture, ensuring weekly deployment of code to production while also ensuring code credibility by writing test cases via Jest.

Cloud Hosted Web Application | AWS, EC2, RDS, NodeJs, Rest API, Pulumi

- Implemented a web application to execute healthy RestAPI and deployed it on AWS EC2 instances with connection to RDS, CloudWatch Alarms, Logs and Matrix with Load Balancer and hosted the application on a domain.