

Prajjwal Mehta

prajjwalmehta75@gmail.com | +91 8851975249 | Portfolio| LinkedIn| GitHub

WORK EXPERIENCE

JPMorgan Chase

July 2024 – Present

Software Engineer I

- Engineered 'Auto Task Creation' workflow using Kafka Pub-Sub, decoupling task generation and increasing throughput.
- Pioneered Consumer-Driven Bidirectional Contract Testing (using Pact & Pactflow.UI) to prevent integration drift.
- Integrated Dynatrace for observability and executed rightsizing, reducing cloud infrastructure costs by ~15%.

JPMorgan Chase

June 2023 – July 2023

Summer Analyst Intern

- Engineered Data Fetching Service using GraphQL and DAGs.
- Reduced complex query latency from 900ms to 10ms (98% reduction) via node-level caching.
- Built an internal debugging dashboard to reduce root-cause analysis time.

Entrepreneurship Development Cell

2022 – 2024

Tech Lead & Design Head

- Led digital presence for 'Pitchverse', optimizing image assets for faster load speeds.
- Managed a team of 5 designers/developers for marketing assets.

KEY PROJECTS

Covid-19 X-Ray Pipeline | [Link](#)

Python, PyTorch, ResNet-18

- Built an automated image classification pipeline with data augmentation.

Custom Static Site Generator | [Link](#)

Node.js, EJS, Tailwind CSS, CI/CD

- Built a custom static site generator from scratch to render this portfolio. Engineered a build pipeline using Node.js to parse YAML data and render EJS templates. Implemented a custom responsive design system with Tailwind CSS, featuring a persistent dark mode toggle and glassmorphism UI.

EDUCATION

Thapar Institute of Engineering and Technology

2020 – 2024

B.E. in Computer Science

CGPA: 9.44/10.0

TECHNICAL SKILLS

Languages: Java, C++, JavaScript (ES6+), Python, SQL

Frameworks: Spring Boot, React.js, Node.js, Express, NextJS, GraphQL, Tailwind CSS

Infrastructure: Git, Docker, AWS, MongoDB, PostgreSQL

Certifications: AWS Cloud Practitioner, AWS Developer Associate