Mohnish Chandiramani

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EXPERIENCE

British Petroleum (BP) — Pune, India
Fullstack Developer — *May 2024 – Present*
- **Serverless Data Workflows**: Optimized data processing pipelines with AWS Lambda and DynamoDB, reducing end-to-end processing time by 12%.
- **API Services**: Developed Node.js and Spring Boot APIs integrated with AWS EC2, S3, and Lambda to handle 5,000+ daily transactions securely.
- **Frontend Enhancements**: Refactored React components, improving load times by 15% and enhancing UI responsiveness.
- **Infrastructure Automation**: Automated CI/CD pipelines with Terraform and Docker on AWS, reducing manual deployment effort by 30%.

Workbuddy — Singapore, Singapore
Fullstack Software Engineer — *Feb 2023 – May 2024*
- **Platform Development**: Led development of a microservices-based coworking platform using ReactJS, Node.js, and Python, Flask, serving 20,000+ users on Kubernetes and Docker.
- **API Integration**: Designed and implemented RESTful APIs in Flask, boosting data throughput by 15%.
- **Optimization**: Optimized Kubernetes deployments and resource usage, reducing deployment time by 30% and resource consumption by 25%.
- **Caching**: Implemented Redis caching, cutting average API latency by 20%.

Accenture — Pune, India
Software Engineer — *Oct 2021 – Feb 2023*
- **One Asset Architecture**: Built a React/Node.js web app with Docker, Kubernetes, and Redis, cutting search times by 80% and improving scalability for concurrent users.

LTIMindtree — Pune, India
Software Engineer — *Sep 2019 – Sep 2021*
- **Otis MyMOD**: Developed C#.NET and Python microservices on Azure, using cloud messaging and Redis to improve server response times by 30%.

PROJECTS

- **YouTube Clone**: React frontend with Python microservices backend.
- **Covid Tracker**: Real-time COVID-19 stats dashboard using React and REST APIs.
- **Movieland**: Movie search site built with React and Flask microservices.
- **Workbuddy App**: Hotdesking mobile app using React Native and C#.NET backend.
- **The Work Boulevard**: Coworking site deployed on Kubernetes with Dockerized microservices.

CERTIFICATIONS

- **Neural Networks and Deep Learning by Andrew Ng**:
- **Improving Deep Neural Networks by Andrew Ng**:
- **Structuring Machine Learning Projects**:
- **Microsoft Azure AZ-900**:
- **Python for Data Science, AI and Development**:

PROGRAMMING SKILLS

- **Languages**: Python, C#.NET, JavaScript, TypeScript, SQL

- **Technologies**: ReactJS, Node.js, Redis, Docker, Kubernetes, AWS (EC2, S3, Lambda, DynamoDB), Git, Unix/Linux, Shell Scripting, Flask, Terraform, Microservices

EDUCATION

Savitribai Phule Pune University — Pune, India
B.Eng. in Computer Engineering; CGPA: 8.00 — *Jul 2015 – May 2019*