

PRADIP DHAKAL

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Summary

Experienced software engineer with 5+ years of professional expertise in **Python (FastAPI, Django)**. Specializes in full-stack development and agile methodologies. Accomplished leader with a successful history of **managing software development teams of 12 individuals**, driving exceptional outcomes.

Experience

Sourcewiz

Sep 2022 – Current

Software Engineer

Abu Dhabi, UAE

- Played a key role in building different products and features, **including a SaaS solution for B2B clients**, driving value and success for the organization.
- Code, test, and debug software using Python (Django, FastAPI), while ensuring proper integration with other components and delivering high-performance solutions.
- Ensured 95%+ code coverage through comprehensive **unit testing and integration tests** for critical use cases.
- Conducted interviews with engineers as part of the recruitment and onboarding process, ensuring the selection of qualified candidates for the development team.

Python Django FastAPI ElasticSearch Async Code Review Django Signals Websockets

Workz Group

Sep 2021 – Sep 2022

Software Engineer

Dubai, UAE

- Lead and mentor junior personnel towards expanding their computer engineer competencies.
- Built a DevOps pipeline for application deployment using **Docker, and GitHub actions** achieving a 60% reduction in time spent on manual deployment tasks.
- Achieved over 90% code coverage for tested functionalities and executed End-to-End testing for frontend applications using **Cypress and TypeScript**.
- Enhanced application performance and flexibility through **optimized coding practices and architectural improvements**, resulting in a significant 30% reduction in response time.
- Collaborated **cross-functionally with designers, QA engineers, and product managers** to deliver high-quality software solutions that meet customer requirements, resulting in an exceptional customer satisfaction rating of 4.8 out of 5.

Celery, RabbitMQ Database Migrations Caching JWT, OAuth Unit Testing SQLAlchemy

Seva Development

Nov 2020 – Sep 2021

Software Engineer

Kathmandu, Nepal

- Developed a back-end engine using **TinkerPop, Gremlin, and Nodejs** to process large stream data, integrate with **Amazon Neptune**, and also build individual services for data profiling using Python.
- Performed integration testing using **Cypress and TypeScript** to ensure proper application performance.
- Played a key role as a full-stack developer in a Microservice-based architecture application deployed on AWS, utilizing services like **Neptune, Kinesis, RDS, EC2, Lambda, S3, ECR, and ECS**.
- Received the **Team Collaboration Excellence Award**, recognized for exceptional collaboration and contributions among 50+ employees.

Nodejs EC2 RDS Neptune Kinesis ECS Lambda Scalability Jenkins Postgresql

Other Experience

Seva Development

Nov 2019 – Nov 2020

Associate Software Engineer

Kathmandu, Nepal

- Teamed up with a cross-functional group to create a test management tool, streamlining test case management and reducing test case creation time by 50%, thereby improving overall testing effectiveness.
- Implemented React and Nodejs** technologies to develop 7+ innovative features and address complex issues, resulting in elevated user experience and overall system performance.

Python Reactjs Redux DOM Software Development Cypress Jmeter Postman REST API

- Led the successful **delivery of over 10+ different client projects**, surpassing expectations and achieving a high level of client satisfaction.
- Led a team in building a comprehensive E-Commerce website using **React and Node (Express)**, ensuring timely delivery and high customer satisfaction.
- **Implemented automation tools, including Jenkins, AWS CodeBuild, and Docker**, reducing manual effort by 50% and improving development speed, resulting in faster delivery of software updates.
- Engaged closely with clients, delivering tailored software solutions that yielded significant cost savings and improved operational efficiency by 3 times.

StartupExpressECommerceTeam ManagementMicroservicesDockerCircleCI

Technical Skills

Languages: Python, Javascript

Frameworks: Flask, FastAPI, Django, Nodejs, Reactjs

Cloud Technologies: Lambda, EC2, S3, Neptune, Kinesis SES, SQS, Secret Manager, ECS, ECR

Other Technologies: Linux, Jenkins, GitHub, Pytest, Cypress

Education
