

PRADIP DHAKAL

Abu Dhabi, UAE

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Summary

Experienced software engineer with 5+ years of professional expertise in **Javascript (React, Nodejs, Express)**. 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.
- Create an **Elasticsearch engine** as a microservice that is used for indexing the data of the application and also for searching and filtering, and can be used in multiple applications.
- **Published multiple javascript libraries** including linting and React components which can be used in all other microservices.
- Optimized microservices using NodeJS and ES6 as interfaces to MongoDB NoSQL database.
- 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.

Nodejs MongoDB Express TypeORM React SocketIO Postgres Typescript AWS Jest

Workz Group

Sep 2021 – Sep 2022

Software Engineer

Dubai, UAE

- Implemented load-balancing with Nginx to allow Node JS instances to **handle 5000+ concurrent users**.
- Enhanced application performance and flexibility through **optimized coding practices and architectural improvements**, resulting in a significant 40% reduction in response time.
- Developed user interface using MaterialUI with Formik, React Query, JS, and SCSS, and used Node.js, Express Js, and MongoDB to speed the application process.
- Achieved over 90% code coverage for tested functionalities and executed End-to-End testing for frontend applications using **Cypress and TypeScript**.
- Built a DevOps pipeline for application deployment using **Docker, and GitHub actions** achieving a 60% reduction in time spent on manual deployment tasks.

Nodejs MongoDB Redis Microservices JWT, OAuth Cypress Passportjs RabbitMQ Celery

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.
- Gathered and validated 40+ requirements as part of the collaboration for a high-profile progressive web app that helped develop clear, unambiguous technical requirements and establish a consistent feedback loop.
- 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**
- Designed, configured, and developed the fully automated CI/CD lifecycle for the high-volume external web application, successfully resulting in a reduction of average deployment time for the entire project.
- Performed integration testing using **Cypress and TypeScript** to ensure proper application performance.

Nodejs EC2 RDS Neptune Kinesis ECS Lambda Scalability Jenkins Postgresql CICD

Other Experience

Seva Development

Nov 2019 – Nov 2020

Associate Software Engineer

Kathmandu, Nepal

- **Implemented React and Nodejs technologies** to develop multiple features and address complex issues, resulting in elevated user experience and overall system performance.
- 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.
- Performed unit and load testing for the critical progressive web application that helped to **improve the system's stability and scalability, identifying critical performance issues** during its development.
- Received the **Team Collaboration Excellence Award**, recognized for exceptional collaboration and contributions among 50+ employees.

Nodejs

Reactjs

Redux

DOM

Software Development

Cypress

Jmeter

Postman

REST API

Eversoft

Nov 2017 – Nov 2019

Startup Founder

Pokhara, Nepal

- Led the successful **delivery of over 10+ different client projects**, surpassing expectations and achieving high 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.

Startup

Express

ECommerce

Team Management

Microservices

Docker

CircleCI

Engineering

Technical Skills

Languages: Javascript, Python, PHP

Frameworks: Nodejs, Express, React, NextJS, Django

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

Other Technologies: Linux, Jenkins, GitHub, Cypress, RBAC, React Query, Threading, Websockets, Celery, RabbitMQ

Databases: MongoDB, Postgresql, MySQL, Neptune, DynamoDB, Redis, Pinecone

Education

Pokhara University

Jan. 2015 – Jan. 2019

Bachelor of Computer Application

Pokhara, Nepal