

AMBUJ DUBEY



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EDUCATION

C-DAC Hyderabad (2016) 74.00 %

**Master of Technology OIST Bhopal /
RGPV Bhopal (2013 – 2015) 86.00 %**

**Bachelor of Engineering TIEIT BHOPAL /
RGPV Bhopal (2007 – 2011) 70.59 %**

**Higher Secondary Government School
For Excellence, Hoshangabad (2007)
77.40 %**

**High School Government School For
Excellence, Hoshangabad (2005) 82.20 %**

Dedicated and efficient MERN stack developer with 9+ years of experience in application layers, presentation layers and databases. Certified in both Front-end and Back-end technologies. Having hands-on experience designing, developing and implementing applications and solutions using a range of technologies and programming languages. Played major role with technologies like HTML, CSS, JavaScript, TypeScript, ECMAScript, jQuery, Bootstrap, Materialize CSS, React, React Native, NodeJS, Strapi, Redis, Apache Kafka, Microservices Architecture, Micro-frontend Architecture, MERN Architect. GraphQL, RESTful Web Services, EJS, PHP Core, MongoDB, MySQL, MSSQL, Terraform, Amazon Web Services like EC2, S3 Bucket, Azure, Heroku, Digital Ocean, CDN, Software development support tools and technologies like GIT, BitBucket, Trello, CI/CD Pipeline. Knowledge on SCSS, HTML5 & CSS3, TypeScript and UI component libraries i.e Storybook and Material UI.

Expert in applying SOLID principle & Design Patterns to create maintainable and scalable software architectures.

EXPERIENCES

Team Lead & Specialist Software Engineer at LTIMindtree 2022-Current Pune

- Lead and manage a team of developers in designing and building full-stack applications.
- Provide technical direction, code reviews, and ensure high-quality code standards.
- Design system architecture and ensure proper implementation of the MERN stack application.
- Collaborate with project managers, product owners, and other stakeholders to gather and refine requirements.
- Implement database schemas, queries, and optimizations for NoSQL storage.
- Create dynamic and responsive front-end applications. Handle server-side development and ensure efficient performance of back-end services.
- Mentor junior and mid-level developers by sharing best practices in coding, testing, and debugging.
- Ensure applications are optimized for scalability, performance, and security.
- Debug performance issues and implement solutions to improve application speed and reliability(performance improvement).
- Ensure proper testing and deployment of features in a staging and production environment.
- Maintain high code quality by enforcing coding standards, conducting code reviews, and ensuring proper documentation.
- Keep track of development processes, technical documentation, and system architecture diagrams.
- Strong understanding on micro frontend with module federation based application, RESTful services, Serverless Application and microservices architecture.
- Knowledge of cloud infrastructure (AWS and Azure) and DevOps practices.
- Strong problem-solving and debugging skills.

SKILL SET

Technical skills - Web Development, Unit & E2E testing, Terraform, CI/CD, Architecture design and analysis.

Programming languages - JavaScript, TypeScript

Project Management Methodologies- Agile methodology.

Cloud Platform -

AWS: EC2, S3, API Gateway, Serverless (Lambda),

Azure, Digital Ocean, Heroku.

Frontend Technologies - Micro-frontend Architecture, Module Federation, HTML, CSS, Bootstrap, Material-UI, Ajax, jQuery, ReactJS, NextJS, React-Native, Json.

Package Manager - NPM, YARN & PNPM.

Buildtool - Webpack, Vite, RS Build.

Backend Technologies - Microservices and Monolithic Architecture, Serverless Architecture, Node.js, Express.js, Strapi, PHP, Apache Kafka.

Database Technologies - MongoDB, MySQL (RDBMS), Redis (In-Memory).

Operating System – Mac, Linux & Windows Operating System.

Tools Used – VSCode, ESLint, Husky, Snyk, Blackduck (Software composition analysis tool), Sonarqube, GitHub, Bitbucket, GitLab, FileZilla, Postman.

Unit Testing - Jest, Enzyme & React Testing Library, Vitest.

E2E Testing - Wdio selenium standalone service for backend e2e testing Playwright for both front end & backend e2e testing.

Accessibility testing - WAVE, AXE

Third party integrations -

OAuth: Okta, AWS Cognito, saml2js Corp and EID SSO

Email: SendGrid, Nodemailer

Twilio: SMS

Sinch: SMS

Stripe: Payment gateway

Mati: KYC Verification

Agora: Real time voice, video and messaging services

Genesis Cloud - Use Pure cloud platform client JavaScript SDK to interact with Genesis Cloud(CX) platform

- Excellent communication and leadership skills to guide cross-functional teams.
- Expert in applying SOLID principle & Design Patterns.

Sr. Software Engineer at IndiaNIC Infotech Limited Ahmedabad

2021-2022

- Collaborates with development team which includes Product Manager, Software Engineer and Quality Assurance team to identify software problems, testing methods, and best solutions.
- Integrated in-memory database (Redis) for data caching.
- Worked on Real time voice, video and messaging services using Agora services.
- Familiarity with Agile methodologies (Scrum, Kanban).

Full-Stack Developer at Logikview Analytics Indore

2018-2021

- Developed software applications with technologies like Nodejs, Strapi, Express.js and integration with REST APIs for ADFS services, live tracking application and other services.

Software Developer at Mobigesture Hyderabad

2016

- Worked as front end developer with special expertise in Responsive Web Design by using Bootstrap3 framework.

PROJECTS

Project Title & Domain:	Omni (Insurance)
Duration:	2022 (Current)
Technology:	Micro Frontend with Module federation, ReactJS, Terraform, AWS, Unit testing using Jest, RTL & Vitest, Playwright e2e testing, Genesys Cloud integration, MongoDB, Jenkins, Reusable npm packages for common function and React component, Jenkins, RESTful Web Services, Serverless architecture with AWS Lambda
Project Description:	Omni, an admin portal to support Business operations, moved to cloud. This will help to safely make changes to regularly altered configurations of digital channels, empowering business operations teams across the enterprise.
Role:	Team Lead, MERN stack software developer. Build user interfaces using React that are responsive, interactive, and user-friendly. Develop server-side logic and APIs using Node.js and Express.js. Handle application architecture for efficiency and scalability.

PERSONAL INFORMATION

LANGUAGES

English (Professional)
Hindi (Native)

GENERAL PROFICIENCIES

Creative
Team Work
Curious and Willingness to learn new things
Dedication in work

HOBBIES

Internet Surfing
Sports Activities
Learn New Technologies

Personal Profile

Father's Name : Mr. Shravan Dubey
Mother's Name : Mrs. Kalpana Dubey
Date of Birth : 06-08-1989
Nationality : Indian
Address : Elysium BY A B Landmarks
Pune 411057

Project Title & Domain:	VCare International (Healthcare)
Duration:	5 Months
Technology:	ReactJS, Azure, JADE, Unit testing, RESTful Web Services
Project Description:	VCare, developed by VCare International, was created for the sole purpose of being the most comprehensive and complete management solution for the residential aged care industry in New Zealand.
Role:	Full stack software developer. Write clean, efficient, and maintainable ReactJS & NodeJS code.

Project Title & Domain:	BeeBush (Social Media)
Duration:	6 Months
Technology:	RESTful Web Services, NodeJS, Micro Services, Redis, PM2
Project Description:	BeeBush is a fresh and unique social media site offering innovative and advanced features enabling people to search, connect with friends & family, learn, have fun, make new friends, and earn money at the same time.
Role:	Backend developer. Develop server-side logic and APIs using Node.js and Express.js. Write clean, efficient, and maintainable NodeJS code. Handle application architecture for efficiency and scalability.

Project Title & Domain:	Artis Academy(Education)
Duration:	8 Months
Technology:	React Native, MongoDB, ReactJS, NextJS, NodeJS, Redux, ExpressJS, Apache Kafka, Redis, Docker, CI/CD, Agora, Stripe, Sonarqube, Microservices, RESTful Web Services, GraphQL.
Project Description:	Artis Academy is the leading financial market education elearning platform in the world, providing clear, concise and practical training to aspiring traders and investors
Role:	Team Lead & MERN stack software developer. Build user interfaces using ReactJS & NextJS that are responsive, interactive, and user-friendly. Develop server-side logic and APIs using Node.js and Express.js. Design, implement, and maintain databases using MongoDB, ensuring data integrity and security. Optimize queries for better performance. Seamlessly integrate the front-end with the back-end.

Project Title & Domain:	Game reporting(Government)
Duration:	8 Months
Technology:	React Native, MSSQL, EXPO, Android App, IOS App, Azure Cloud. SSO and SMS API integration, RESTful Web Services, Serverless architecture with Azure Function
Project Description:	This is a mobile application for reporting a bird hunting game.
Role:	Full stack software developer. Created Android and IOS mobile application using ReactNative. Develop server-side logic and APIs using Node.js and Express.js. Used MSSql DB and Optimize queries for better performance. Seamlessly integrate the Mobile application with the back-end.

Project Title & Domain:	Bail Management system (Government)
Duration:	6 Months
Technology:	HTML, CSS, Java Script, JQuery, MSSQL Server, Bootstrap, DataTable, NodeJS, Strapi. Azure Cloud, Azure Function, Scheduled Notification, Corp Authentication
Project Description:	Tool provides a platform as a single point of access to Datasets in open format published by Ministries/Departments.
Role:	Full stack software developer. Build user interfaces using JavaScript, JQuery & Bootstrap that are responsive, interactive, and user-friendly. Develop server-side logic and APIs using Node.js and Express.js. Used MYSQL DB and Optimize queries for better performance. Seamlessly integrate the front-end with the back-end.