

Abhishek Pratap Singh

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OBJECTIVE

To be associated with a progressive organisation that gives me scope to enrich my skills at congruent to a global level, to learn team dynamics and to work towards the growth of the organisation. I believe in creativity in the workplace to the way of success.

EXPERIENCE

As a BackEnd Node.js Developer, I bring over 2.1 years of expertise in crafting dynamic, scalable, and high-performance applications, seamlessly adapting to the ever-evolving tech landscape.

BackEnd Node.js Developer HeyCoach (Bangalore)

May2023 - march2025

As a Backend Node.js Developer at HeyCoach, I've been contributing to the development of user-friendly EdTech applications and supporting the company's growth for over two years. My responsibilities include: Developing and optimizing scalable backend services using Node.js. Resolving complex issues and improving code efficiency for better performance. Designing and maintaining MongoDB and SQL databases. Contributing to the transformation of user experiences in FinTech domains including digital banking, investment platforms, and payment systems. Working with AWS services (basic usage of S3, EC2, Lambda) for deployment and scalability. Collaborating with cross-functional teams (frontend, design, product) to deliver innovative, reliable solutions.

At HeyCoach, I identified a significant cost and efficiency issue in the existing SMS-based notification system used to reach over 14,000 users daily. I proposed and independently led the migration to a more scalable and cost-effective solution using in-app and push notifications. I architected and implemented the complete backend system using Node.js, Firebase Cloud Messaging, reliable message delivery. This initiative saved the company over ₹8,00,000 per month in SMS costs and resulted in a 31.5% increase in user engagement and sales conversions within the first month of rollout.

RESPONSIBILITIES

- Developed and maintained scalable backend services using Node.js, ensuring optimal performance and responsiveness to front-end requests.
- Designed and managed MongoDB and SQL database schemas to support application features and data integrity.
- Implemented RESTful APIs and integrated third-party services to enhance core platform functionality.
- Collaborated with front-end developers and product managers to define clear requirements and deliver high-quality features.
- Wrote unit and integration tests to maintain code quality and reduce production bugs.
- Utilized basic AWS services (e.g., S3, EC2, Lambda) for deployment, storage, and scalability support.
- Participated in code reviews, sprint planning, and agile ceremonies to support a collaborative development environment.

SKILLS

Backend	NODE, Express js, Sequelize ORM, Mongoose ODM, websocket.io, Rest API
DataBase:	MySql / Mongo DB, Redis DB.
Deployment	AWS (EC2, S3, Lambda, API Gateway, RDS, CloudWatch), Azure App Service, Azure Functions, Azure Blob Storage, Netlify, Render, Railway.app thru CI/CD integration and actions (GitHub, GitLab).
Learning:	Expanding expertise in Docker, socket.io and dynamic microservice communication.
Professional	Innovative and Creative thinking, Decision Making, Responsible and disciplined, Good communication skills, Time Management, Ability to thrive in dynamic and fast-paced environment.

EDUCATION

Bachelor of Technology in Computer Science Engineering Dr. A.P.J. Abdul Kalam University , Indore, 74%	Jul 2016 - Sep 2020
12th Standard Nirmala Convent Sr Sec School , Renukoot, 62%	Jul 2012 - May 2013

PROJECTS

HeyCoach || HeyCaoch.in

Developed and enhanced features, resolved critical bugs, and deployed updates on AWS staging Server. * Worked on POS (Point of Sale) applications for Mini Marts * Independently managed the project, optimizing cart functionality for priority users. * Contributed to multiple projects, including User App, Partner App, and Admin Panel. * Involved in additional functionalities like Notification Panel, Order Processing, and Dashboards.

HeyCoach

Started my career here with innovative ideas and a strong willingness to adapt to new technologies that create real-world impact. * Developed HTML-based billing documents using CSS and JavaScript, incorporating basic MySQL queries for data retrieval and management. * Familiar with Angular and Vue, actively exploring their functionalities for upcoming projects, while enhancing proficiency in Sequelize and Node.js for optimizing MySQL queries.

Academic Projects

* Magical Mirror - Role: Requirements Analysis and Developer

* A smart mirror with voice-controlled capabilities to display real-time information, play music, set reminders, and control connected Bluetooth devices.

* Actively contributed to designing the voice command system and integrating APIs for weather updates, news, and calendar events.

* Developed a seamless user interface and optimized system performance to ensure smooth interaction and real-time responsiveness.

ACHIEVEMENTS AND CERTIFICATIONS

At HeyCoach, I identified a significant cost and efficiency issue in the existing SMS-based notification system used to reach over 14,000 users daily. I proposed and independently led the migration to a more scalable and cost-effective solution using in-app and push notifications. I architected and implemented the complete backend system using Node.js, Firebase Cloud Messaging, reliable message delivery. This initiative saved the company over ₹8,00,000 per month in SMS costs and resulted in a 31.5% increase in user engagement and sales conversions within the first month of rollout.

Participated in the Artificial Intelligence Workshop at IIT BHU.
Attended TechGyan Event at IIT BHU to explore emerging technologies.
Engaged in 'How to Get Government Projects' Workshop, organized by the university.
Secured 1st place in NFS WBR Gaming Competition, organized by the university.
Earned certification for Innovative Ideas Infotech Event (Workshop).
Certified in Cyber Security Workshop, enhancing knowledge of digital security.
Achieved an A+ Internship Certification in Python with Machine Learning.

PERSONAL INFORMATION

Father'sName	Mr.Shatrughan Singh
DateofBirth	05thOctober1995
MaritalStatus	Unmarried
LanguagesKnown	English,Hindi
Interests	GamingEnthusiast,Socializing,Travel,andFitness
ResidentialAddress	GautamBuddhaNagar,NearSector62Metro, Noida, 201301

DECLARATION

I hereby declare that the information provided above is true and accurate to the best of my knowledge. I am committed to carrying out my responsibilities with the utmost diligence and professionalism.

Deepak Pandey