

Nipun Deleep

Software Engineer

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CAREER OBJECTIVE

Full-stack developer with strong expertise in Generative AI aim to further enhance my technical skills and broaden my knowledge in both front-end and back-end development. I strive to continuously learn and adapt to new technologies, frameworks, and programming languages, enabling me to deliver high-quality solutions that drive real-world impact and meet client requirements.

KEY COMPETENCIES

Programming Languages : Javascript, Typescript, Python

Frontend : Next.js, React.js , Redux , Bootstrap, Ant Design, HTML5 , CSS3

Backend : Node.js, Express.js, Nest.js, MongoDB, Firebase, Redis , BullMQ

Cloud & DevOps : Microsoft Azure , Heroku, AWS **Version Control :** Git, GitHub

Artificial Intelligence and Machine Learning: Generative AI, Large Language Models (LLMs), Azure AI services, Vector Databases

PROFESSIONAL EXPERIENCE

Buddiz AI , Kochi

April 2024- Present

Software Engineer

- AI Model integration, Fine tunes and optimized GPT models for automated content Generation.
- Designed and optimized retrieval-augmented generation (RAG) pipelines for improved knowledge retrieval, Integrated vector databases (Azure AI Search) to enable semantic search.
- Built AI-powered chatbots and Implemented Firebase as a buffer store to enhance chatbot performance, optimize response times, and improve data persistence.
- Designed and implemented a machine learning pipeline to process and analyze multimodal data, integrating text, image, and document-based AI models.
- Coordinated with Microsoft support teams to optimize and troubleshoot AI services cloud infrastructure, load balancing, and token usage, ensuring scalability, cost efficiency, and optimal performance.
- Attended client meetings with educational institutions (colleges, universities, and edtech providers) to introduce AI-powered products and solutions.

Threestops Private Ltd , Kochi

Jul 2022 - April 2024

Junior Software Engineer

- Convert designs into ReactJS/NextJs reusable components and translate project requirements into functional code.
- Nextjs(Server-Side Render driven environment) focus on minimizing resource consumption, enhancing code readability, and implementing strategies for faster load times.
- Implemented the website using Ant Design such as table, input, button and sidebar, pagination and Antd-form to develop forms for adding and editing product information.
- Built and maintained Node server using Node.js with Nest.js to populate the data on webpage through mongoDb database.
- Integrated Search services like typesense, Sendgrid for Email services , Razorpay for payment.
- Ensure the quality and performance of code through testing and debugging.
- Collaborate with team members to plan, design, and implement new features and functionality.

PROJECTS

Buddiz AI (<https://www.buddiz.ai/>)

2023 - Present

- Educational app powered by AI, accepted to microsoft for startups.
- Roles:
 - Founding Engineer responsible for architecting the entire application, designing scalable and robust system architectures, and overseeing the development process from initial concept to full deployment.
 - Building the app with Next.js for the frontend and NestJS for the backend
 - Azure openai services: deployment,load blancing,datsource management,GPT models fine tuning, Prompt Engineering.
 - Conducting product demos and gather feedback for improvements.
- Technologies Used : Next js 14 , Nestjs, ,MongoDb, Redis, Azure cloud services

Moviebank (<https://www.moviebank.app/en-IN>)

2022 - 2023

- Movie Bank is a cloud software suite for creators, artists, influencers tailored with Tools From streamlined portfolio management to enhanced employment support(entertainment Industry).
- Roles:
 - Frontend integration and functionalities of product pages, Cart page etc.
 - SEO friendly development.
 - Search services,chat services, En/Us conversion of website based on locations.
 - Implemented complex forms using antDesign, SSR and static site generation for better user experince using nextjs.
- Technologies Used : Next js 13, React, ContextApi, Nestjs, AntD ,MongoDb , Heroku

Safqat (<https://safqat.com/en>)

2022 - 2023

- B2B marketplace where buyers and suppliers connect and interact. (E-commerce)
- Roles:
 - Admin (CMS) frontend website development.
 - Used react-i18next for Internationalization.
 - Frontend Product pages Integrations , debugging and manual testing.
 - Product forms ,Category form etc in admin panel.
- Technologies Used: Nextjs, Express Js, Antd, react Bootstrap, MongoDB, Heroku

Industrial Automation Engineer

Aug 2019 - Feb 2022

Kerala state drugs and pharmaceuticals Ltd

Industrial Automation Engineer responsibilities include superviosion and maintenance of PLC integrated pharmaceutical machineries.

EDUCATION

Bachelor of Engineering	2014 -18
Cochin University Of Science and Technology(CUSAT)	7.64CGPA
Majors: ME	
Plus Two	2012 -14
Computer Science	95%

OTHER INFORMATIONS

Languages

English, Malayalam, Hindi

Home Address

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