Shantanu Bajaj

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EXPERIENCE

Backend Engineer Sep. 2023 – Present

Ortigan Technologies Pvt. Ltd. *Maharashtra, IN*
- Designed, Developed, and Maintained backend systems
- Implemented RESTful APIs and database models for seamless integration frontend and backend
- Created a multi-store e-commerce platform with third-party integrations for payment and delivery using CashFree and Delhivery API's enabling payment gateways, payouts, refunds and end-to-end delivery process with shipment tracking
- Created a Content Management System with different features like carousels, editorials, testimonials, etc.
- Integrated government healthcare API and generated FHIR data format using webhooks and NDHM API's ensuring compliance and achieving interoperability standards
- Set up CI/CD pipeline using GitHub Actions and Nginx with SSL, streamlining development process and enhancing security and performance
- Worked with cloud services like DigitalOcean and AWS, setting up scalable and cost-effective infrastructure
- Integrated Media Storages like Cloudinary and DigitalOcean Spaces for storing media assets and handling transformations

Backend Intern April 2022 – Sep. 2023

Ortigan Technologies Pvt. Ltd. *Maharashtra, IN*
- Performed bug fixing and code optimization to ensure smooth functionality and user satisfaction
- Contributed to the development and testing of software applications, to project timelines
- Actively proposed improvements to enhance overall system performance
- Created microservices in NodeJs and Python using AWS Lambda Function improving scalability, flexibility and maintainability
- Integrated open ai langchain package and pinecone vector database for chatting with PDF files enhancing and improving user engagement
- Performed data migration from existing MySQL database to MongoDB

PROJECTS

Kirana Shop | *Node Js, JWT, Cloudinary, MailTrap, MySQL, Render* Sep 2022 – Nov 2022
- Architected, Developed and Deployed a backend for an e-commerce website
- Implemented authentication using JWT and API routes using middlewares in Nodejs
- Integrated Cloudinary for media assets and for email triggers
- GitHub Link - Kirana Shop | Website Link - Kiranaa

Webstrike | *Node js, JWT, MySQl, AWS, IPFS Desktop, Pinata* May 2022 – Aug. 2022
- Developed a working backend for user using JWT, cookies and secure API using middlewares in NodeJS
- Hosted the website on AWS and added an elastic IP
- Hosted the static website on IPFS and Pinned of website on IPFS using the Pinata service
- GitHub Link - webstrike-host

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS, R, Android
Client side: HTML5, CSS3, Javascript, Laravel, TailwindCSS, Responsive Web Design, Familiar with Vue and Nuxt.js
Server Side: PHP, Laravel, MySQL, Git, NodeJS, MongoDB, WebSockets, DynamoDB, Flask, Lambda functions.
Web3: Blockchain Architecture, IPFS, Pinata
DevOps: CI/CD pipelines, Render, AWS, Heroku, Github Actions, Nginx, Digital Ocean
Key Skills: Agile Methodologies, SaaS application development, System Design and Architecture, Research and Communication skills, Content/Blog Writer

EDUCATION

Jawaharlal Nehru Engineering College Maharashtra, IN

Bachelor of Technology in Computer Science *July 2019 – July 2023*

Springdales Jr. College Maharashtra, IN

Higher Secondary Education *April 2017 – April 2019*