

RAJESH B

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PERSONAL PROFILE

Motivated Anna University engineering graduate with a robust skill set encompassing development, programming, and problem-solving. Refined my abilities during a six-month web tech internship, focusing on crafting user-friendly applications. Presently excelling as a full-stack engineer, where I apply my internship experience to drive innovation in software solutions. Passionate about continuously evolving and staying updated on the latest trends in technology.

PERSONAL DETAILS

Native :- Palakkad, Kerala
Date of Birth :- 16-06-2001

EXPERIENCE

LUMINAR TECHNO LAB

Internship | 2023 - 2024 (6 Months)
Python Full Stack Development (Django, Angular.JS)

DEIENAMI

Software Engineer | 2024 - Present (10 Months)
Python Full Stack Development (Django)

STRENGTH

- Analytical Skill
- Teamwork Skill
- Leadership
- Adaptability
- Self Management

LANGUAGE

- English
- Malayalam
- Tamil
- Hindi

SKILLS

Language :- Python, JavaScript
Web Technologies :- HTML5, CSS3
CSS Framework :- TailwindCSS, Bootstrap
Backend :- Django
Frontend :- React.JS
API Integration :- REST API, Axios
E-Commerce : Shopify, WordPress
Database :- MySQL, SQL, PostgreSQL, SQLite

CERTIFICATIONS AND ACHIEVEMENTS

- Successfully completed HACKERRANK, Python assessment.
- Power Programmer Virtual Experience Program from Infosys.
- Python Backend And Django Framework Complete Course.
- CSS, Bootstrap, JavaScript, Web Development Course.
- React.JS: Front-end The Complete Course for Beginners.
- Agile Development Methodology from UDEMY.
- Data Science Tools from IBM.

EDUCATION

BACHELOR'S OF ENGINEERING

Electronics and Communication | 2019 - 2023
Nehru Institute of Engineering and Technology
ANNA University :- 7.9 CGPA

SENIOR SECONDARY EDUCATION

Biology Science | 2017 - 2019
Karnakiyamman Higher Secondary School
Kerala State Board :- 6.6 CGPA

SECONDARY EDUCATION

2016 - 2017
St. Raphael's Cathedral School
CBSE :- 7.2 CGPA

PROJECTS

NOTESPAEDIA

Responsibility :- Backend development & Full Stack Development

Tech Stack : Django, REST API, MySQL, JavaScript, jQuery, Ajax, Bootstrap, Shopify API, AWS S3, Razorpay, Ghostscript.

Developed a real-time mobile app project aimed at facilitating book purchases for medical professionals, primarily focused on medical textbooks with large file sizes. Spearheaded the backend development for the app and full-stack development of the web and admin panels.

- Mobile App Backend : Created REST APIs using Django to power mobile app functionalities including user authentication, book purchases, and shelf management for users' digital libraries.
- Admin Panel & Publisher Panel: Developed both panels using Django for the backend, with DashLite theme for the frontend, incorporating role-based access control for managing books, courses, categories, orders, and user management.
- Web Store Integration : Integrated Shopify API for handling shopping, inventory, and product management with Bogus Gateway for payment testing.
- Media Storage & Optimization : Utilized AWS S3 for storing large media files (medical books) and implemented Ghostscript and PDF linearization to optimize the download speed of multi-GB PDF files.
- Payment Integration : Incorporated Razorpay to handle subscription-based payments for premium users.
- ETL Migration : Implemented a Python-based ETL process to migrate legacy data from WordPress and ASP.NET systems to the new Django/MySQL backend.
- Maintenance & Server Deployment : Managed server deployment and maintenance, ensuring performance, uptime, and security updates.
- Version Control : Employed Git Desktop and GitHub for version control, ensuring smooth collaboration and code management throughout the project.

Technologies used :- Django, REST API, MySQL, JavaScript, JQuery, Ajax, Bootstrap, Shopify API, AWS S3, Razorpay, Ghostscript, Git Desktop, GitHub, Postman for API testing.

SCHOOL MANAGEMENT WEB APP

Responsibility :- End to end development

Tech Stack : React.js, TailwindCSS, Django, REST API, Simple-JWT, PostgreSQL, Git, GitHub, Axios.

Link :- [Project Link](#)

- End-to-End Development : Led the complete development of a web app for school management, handling both frontend and backend tasks.
- Frontend : Built the user interface using React.js and styled it with TailwindCSS to create a responsive and modern design.
- Backend : Developed the backend using Django, including features such as REST APIs, Simple-JWT authentication, and CRUD operations for managing school data.
- Database : Employed PostgreSQL for efficient and scalable database management.
- Version Control : Managed code versions and collaboration using Git and GitHub.
- API Integration: Integrated REST APIs using Axios for smooth data exchange between frontend and backend.
- User Roles : Implemented CRUD functionality for the principal to manage teacher models, while teachers can view student lists.

Technologies used :- Django, REST API, PostgreSQL, React.JS, Tailwindcss, Postman for API testing.

JEWELRY SHOPPING WEB APP

Responsibility :- End to end development

Tech Stack: HTML5, TailwindCSS, AJAX, jQuery, JavaScript, Django, Stripe, PostgreSQL.

Link :- [Project Link](#)

- End-to-End Development : Led the full development of a jewelry shopping web app, handling both frontend and backend components.
- Frontend : Designed and developed the user interface using HTML5, TailwindCSS, AJAX, jQuery, and JavaScript for a responsive and interactive user experience.

- Backend : Powered the backend with Django, implementing features such as custom user management, CRUD functionality, and secure payment integration.
- Payment Integration : Integrated Stripe to process secure payments for customer transactions.
- Shopping Cart & Invoicing : Developed a cart system allowing users to add items, with functionality to generate detailed invoice bills.
- Database : Utilized PostgreSQL for managing data related to users, products, orders, and payments.

Key Features:

- User Authentication: Implemented secure login and registration systems.
- Search Bar: Created search functionality to help users find products easily.
- Product Management: Enabled CRUD operations for product listings, managed by the admin.
- Appointment Scheduling: Built a feature to allow customers to book appointments for personalized consultations.
- Customer Communication: Integrated customer messaging for real-time communication and support.

Technologies used :- Django, REST API, MySQL, JavaScript, JQuery, Ajax, Bootstrap, Postman for API testing.

CHATGPT CLONE WEBSITE

Responsibility :- End to end development

Tech Stack: React.JS, TailwindCSS, Vercel, GitHub.

Link :- [Project Link](#)

- End-to-End Development: Designed and developed a ChatGPT clone website, handling frontend development and deployment.
- Frontend: Utilized React.js for dynamic user interface development and TailwindCSS for creating a responsive, modern design across devices.
- Responsive Design: Ensured seamless user experience by implementing a fully responsive layout adaptable to various screen sizes.
- Deployment: Deployed the project using Vercel, ensuring fast, scalable, and easy-to-manage hosting.

Technologies used :- React.JS, TailwindCSS, Vercel, GitHub.

DECLARATION

I, RAJESH B, hereby declare that the above mentioned information are true to best of my knowledge and I bear the responsibility of the correctness of the above-mentioned particulars.

RAJESH B