

AKHIL A

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I am a tech enthusiast with a passion for creating innovative projects. I am committed to continuous learning and am eager to apply my skills in a dynamic role where I can contribute to cutting-edge technology and drive measurable results.

RELEVANT SKILLS

- Frontend:HTML,CSS , Bootstrap, Tailwind,JavaScript,React Js,
 - Backend:Python,Django,Django Rest Framework, fast api
 - Database management system:postgresql,mysql,sqlite
 - Version Control System: ,GitHub, Git,
 - Additional skills: photoshop,figma,
 - Languages: Malayalam (Native), English (Advanced), Hindi (Intermediate)
 - Key skills: problem-solving,Team player,self Learning,
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WORK EXPERIENCE

FULL STACK DEVELOPMENT IN PYTHON & REACT (Freelance)

- Created and executed detailed test cases, test scripts, and test plan
- Worked as a Python Developer and contributed to projects involving React and Django focusing on building dynamic web applications and APIs.
- contributing to projects involving React and Django, focusing on building dynamic web applications, RESTful APIs, and seamless integration between the frontend and backend.

❖ Projects

OTT PLATFORM-MOVIE ZONE

Technologies: Django, Django Rest Framework, mysql,React js ,Bootstrap

- Developed React.js-based dynamic ui for content browsing and streaming.

Built and maintained RESTful APIs using Django Rest Framework for managing movies, user data

- Implemented CSRF token protection to prevent Cross-Site Request Forgery (CSRF) attacks for secure form submissions and AJAX

Roles and Responsibilities:

- **Frontend Development:** Designed and developed a dynamic React.js user interface for seamless content browsing and streaming.
- **Backend Development:** Built and maintained RESTful APIs using Django REST Framework (DRF) for handling movies, users, and authentication.
- **Database Management:** Managed and optimized MySQL database for storing user details, movie data, and watch history.
- **Authentication & Authorization:** Implemented role-based access control (RBAC) to differentiate between users, admins, and content managers.

Security Implementation:

- Integrated CSRF protection to prevent cross-site request forgery attacks.
- Used Django's built-in authentication system for secure user login and registration.
- **Responsive UI:** Utilized Bootstrap to ensure a mobile-friendly and responsive design across devices.
- **Optimization:** Improved API performance by implementing pagination, caching, and query optimizations.
- **Testing & Debugging:** Conducted unit testing and debugging for frontend and backend components to ensure smooth functionality.
- **Deployment & Maintenance:** Deployed the platform on (git/vercel) and

provided ongoing maintenance and updates.

CAREER SITE(JOB SITE)

Technologies: Django, Django Rest Framework, postgresql, React js, Tailwind,

- Designed and developed a user-friendly front end using React, Tailwind CSS, HTML, and JavaScript, creating an engaging and responsive user experience for job seekers and employers. Integrated features such as a job menu, blog section, and user profiles to enhance platform functionality.
 - Built the backend with Django to manage job postings, user authentication, application tracking, and profile management.
 - Implemented JWT authentication for secure API access and CSRF protection to ensure safe form submissions.
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E-LEARNING SITE

Technologies: Html, Django, postgresql, tailwind, .

- Designed and implemented the front end using HTML, CSS, and JavaScript, ensuring an intuitive and responsive user interface
 - Developed the backend with Django to manage courses, chapters, and enrollments, ensuring smooth user interactions and progress tracking.
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E-COMMERCE SITE

- Technologies Used: Django, Python, React.js, Bootstrap, HTML, CSS, JavaScript, PostgreS

Description:

- Developed a full-stack eCommerce web application that allows users to browse, search purchase products online. Implemented features like product listing, cart management, user authentication, and secure payment integration.
- Key Features:
- **User Authentication:** Implemented login, registration, and profile management using Django authentication.

- **Product Management:** Created dynamic product listings with categories, filters, and search functionality.
- **Shopping Cart & Checkout:** Developed an interactive cart system with quantity updates, order summary, and checkout process.
- **Order Management:** Enabled users to track orders, view order history, and manage deliveries.
- **Admin Dashboard:** Developed an admin panel for product management, order tracking, and user analytics.
- **Responsive UI:** Ensured a mobile-friendly design using Bootstrap and CSS media queries.

Roles and Responsibilities:

- Designed and implemented the front-end using React.js and Bootstrap for an intuitive user experience.
 - Developed RESTful APIs with Django REST Framework for backend communication.
 - Managed database operations using PostgreSQL/MySQL for storing product and order details.
 - Deployed the project on a platform (git/vercel) for scalability.
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❖ EDUCATION

- 2018-2020 B.A HISTORY vishwabarathy / Kerala University (kollam, India)
 - 2016 - 2017 Higher Secondary Thadicadu / Kerala State/ (Kollam, India)
 - 2015 High School G HSS Yeroor /kerala state/ (kollam, India)
 - 2024-2025 mashupstack(full stack react & python django developer/ trivandram
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