Uday Kumar

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EDUCATION

Sri Vyshnavi Degree College — Telangana, India
Bachelor of Science. - Life Science — *July 2021 - June 2024*

TECHNICAL SKILLS

- **Languages**: JavaScript, C++, Python, Golang
- **Frameworks/Libraries**: React.js, Node,js, Express.js, TailwindCSS, Gorilla Mux, Shadcn UI
- **Tools**: Docker, version control(GIT), PostgreSQL, MongoDB, Github, Rest Api

EXPERIENCE

Grid R&D — Remote
Full Stack Developer (Internship) — *Oct 2024 - Dec 2024*

- **Video-Based Resume Development**: Contributed to building a video-based resume platform using the MERN stack, integrating MySQL with Prisma ORM for efficient database management.
- **REST API Development**: Designed and implemented RESTful APIs to support video resume functionalities, including video upload, retrieval, and deletion.
- **Backend and Frontend Integration**: Collaborated on seamless integration between backend services and frontend interfaces to ensure a responsive and user-friendly application for better consistency.

PROJECTS

StudyNotion Edtech Platform — Sep 2024-Nov 2024
React.js, ExpressJs, NodeJs, MongoDB, TailwindCSS — *Github*

- **User Roles**: Configured role-based access for Students and Instructors, allowing unique features for each user type.
- **Course Creation - Management**: Enabled Instructors to create and manage courses, including course analytics.
- **User Reviews - Ratings**: Created a feedback system for students to review courses, enhancing user engagement.
- **Analytics for Users**: Built dashboards displaying enrolled course insights for students and analytics for instructors.

BIGINT — Jun 2024-July 2024
C++ OOPS Individual Project — *Github*

- **C++ Library**: Developed a C++ library for handling arbitrarily large integers, providing a robust alternative to the standard integer types
- **Arithmetic operations**: Defined 5 core arithmetic operations, including addition, subtraction, multiplication, division, and modular arithmetic, ensuring high performance and precision.

Library Management System — Apr 2024-May 2024
Golang, Gorilla Mux, MongoDB — *Github*

- **Comprehensive API Design**: Designed and tested APIs for various operations, ensuring secure and efficient handling of library data with MongoDB as the database.
- **Feature-Rich Backend Development**: Crafted key functionalities for a Library Management System, including user authentication (login and signup) and operations like adding, deleting, and retrieving books using Golang and Gorilla Mux.
- **Order Management**: Constructed features for users to order books, retrieving all ordered books, and manage book orders efficiently with RESTful APIs.

CERTIFICATIONS

- **Postman API Fundamentals Student Expert**: In-depth knowledge of API development, testing, and automation using Postman -View Certificate
- **Web Development Bootcamp by CodeHelp**: Gained hands-on experience in building full-stack applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), with a focus on RESTful APIs, authentication, CRUD operations, and project deployment. -View Certificate on CodeHelp
- **Angela Yu's Web Development Bootcamp**: gaining comprehensive knowledge of the MERN stack (MongoDB, Express.js, React.js, Node.js), PostgreSQL, and other web development technologies -View Certificate on Udemy
- **JavaScript Certificate – HackerRank**: Completed a comprehensive JavaScript course and demonstrated proficiency in core concepts. -View Certificate on HackerRank

VOLUNTEER EXPERIENCE

- **National Service Scheme (NSS)**: Contributed to community service initiatives and developed leadership and social responsibility through outreach programs. Enhanced public speaking and organisational skills. Oct 2021-Apr 2022