RAHUL CHERYALA

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Bachelor of Technology
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 GitHub Profile
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EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** **2021-25**
  Indian Institute of Technology, Dharwad CGPA: 7.5

EXPERIENCE

- **Software Developer Intern at CodeUnity Technologies Pvt. Ltd.** **Aug 2024 - Present**
  - Spearheaded frontend development for a job portal application using Next.js and Tailwind CSS, delivering a sleek, responsive user interface.
  - Developed a robust backend using Django, integrating AWS S3 for efficient storage solutions and deploying on an AWS EC2 instance.
  - Utilized Terraform for deployment initialization and automation, streamlining infrastructure setup and scaling.

PROJECTS

- **LiveDocs** | [Link] **Aug 2024 - Sept 2024**
  A feature-rich real-time collaborative document editor application.
  - Engineered real-time collaboration and nested comments features, enabling seamless document editing and user interaction.
  - Developed secure authentication and document management systems using Clerk and server-side rendering for optimal performance and data protection.
  - Technologies used: Next.js, TypeScript, Lexical Editor, Liveblocks, shadcn, and Tailwind CSS

- **Eventura, Event Management Platform** | [Link] **July 2024 - Aug 2024**
  A comprehensive solution for creating, managing, and organizing events with advanced features.
  - Built secure user authentication and management with Clerk, enhancing data protection.
  - Implemented CRUD functionality for events and integrated Stripe for secure payment processing, optimizing user experience.
  - Technologies used: Clerk, Zod, Next.js, Typescript, TailwindCSS, shadcn, MongoDB, Stripe & RazorPay

- **IUHD, IITDh Unified HelpDesk** | [Link] **Feb 2024 - Apr 2024**
  IUHD is a centralised platform for streamlined work requests and feedback at IIT Dharwad.
  - Enhanced request handling efficiency, reducing response times and improving collaboration on key issues like food, water, and hostel management.
  - Streamlined issue resolution processes, significantly boosting user satisfaction and reducing resolution times.
  - Technologies used: MongoDB, Express.js, React.js, Node.js, TailwindCSS.

TECHNICAL SKILLS

Languages : C/C++, Python, HTML+CSS, Javascript, Typescript
Frameworks/Libraries : Express.js, React.js, Node.js, Next.js, Three.js, React Three Fiber(R3F), Tailwind CSS
Cloud/Databases : MongoDB, PostgreSQL, MySQL
Web Dev Tools : Git, Github, VScode
Areas of Interest : Web Design and Development, App Development.
Soft Skills : Leadership, Self-learning, Presentation, Adaptability

RELEVANT COURSEWORK

Data Structures & Algorithms	Database Management System
Artificial Intelligence	Computer Networks
Computer Architecture	Operating Systems

ACHIEVEMENTS

Ranked Among Top 10 projects of the 'DevHack 5.0' Hackathon for Parsec 4.0
Designed and developed a web-based project during a 24-hour hackathon, demonstrating advanced web development skills and innovative solutions.

1st place in Business Case Study Competition
Secured the top position in "Avadhan 2023" Case Study Competition, showcasing strong analytical skills and strategic thinking.