ABIN JILS

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SUMMARY

Motivated MERN Stack Developer Intern with 1+ year of hands-on experience building scalable full-stack applications using MongoDB, Express.js, React.js, and Node.js. Experienced in developing SaaS platforms, ecommerce applications, authentication systems, and real-time communication using Socket.IO and WebRTC. Strong knowledge of REST APIs, JWT authentication, Google OAuth, Redux Toolkit, and performance optimization.

EXPERIENCE

- **Bridgeon**   June 2025 – Present
  MERN Stack Developer Intern   *Remote*

    – Developed full-stack applications using MongoDB, Express.js, React.js, and Node.js
    – Built secure REST APIs with JWT authentication and Google OAuth
    – Developed SaaS investor-startup platform with subscription and pitch system
    – Implemented real-time chat and video communication using Socket.IO and WebRTC
    – Used Redux Toolkit and RTK Query for efficient state and API management
    – Implemented API rate limiting and backend security best practices
    – Designed responsive frontend using React.js and Tailwind CSS
    – Followed MVC architecture and Git workflow

PROJECTS

- **Startup-Investor SaaS Platform**   MERN Stack

    – Built full-stack SaaS platform connecting startups with investors
    – Implemented JWT authentication and Google OAuth
    – Developed pitch submission and approval system
    – Integrated real-time chat using Socket.IO
    – Implemented video calling using WebRTC
    – Used Redux Toolkit and RTK Query
    – Implemented API rate limiting

- **Ecommerce Platform**   MERN Stack

    – Developed ecommerce application using MERN stack
    – Implemented JWT authentication and protected routes
    – Built product management, cart, and order system
    – Implemented pagination for performance optimization
    – Developed REST APIs

- **Service Booking Platform with AI Chatbot**   MERN Stack

  – Developed service booking platform with admin and user modules
  – Implemented real-time chat using Socket.IO
  – Integrated Gemini AI chatbot
  – Built secure backend and REST APIs

- **Freelance Business Solutions**   MERN Stack

  – Developed landing pages and business applications
  – Built guest management system
  – Developed scalable backend APIs

EDUCATION

- **Alphonsa Arts and Science College**   2022 – 2025
  Bachelor of Computer Applications   *Calicut University*

TECHNICAL SKILLS

- **Frontend:** React.js, JavaScript, TypeScript, HTML, CSS, Tailwind CSS, Redux Toolkit, RTK Query

- **Backend:** Node.js, Express.js, REST API, JWT Authentication, Google OAuth

- **Database:** MongoDB

- **Real-Time:** Socket.IO, WebRTC

- **Tools:** Git, GitHub, Vercel

- **Concepts:** MVC Architecture, Authentication, Authorization, API Rate Limiting, Responsive Design

CERTIFICATIONS

LetsUpgrade Bootcamps:

- MERN Stack Development

- React Development

- Data Structures and Algorithms

- C and C++ Programming