

# SURYA K U

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## SUMMARY

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Entry-level MERN Stack Developer and BCA graduate with hands-on experience building full-stack web applications using React.js, Node.js, Express.js, and MongoDB through projects and internship training. Skilled in developing RESTful APIs, implementing secure authentication, and designing responsive user interfaces. Eager to contribute to scalable software solutions while continuously enhancing technical and problem-solving skills.

## SKILLS

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**Programming:** Java-script, Typescript, C++, C  
**Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind, CSS  
**Backend & API:** Node.js, Express.js, REST APIs, MVC Architecture, JWT  
**Databases & Cloud:** MongoDB, AWS (EC2, S3), Nginx  
**Tools & Technologies:** Git, Github, Postman

## PROJECTS

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### FULL-STACK WATCH E-COMMERCE PLATFORM

- Developed a full-stack e-commerce web application for managing and showcasing watch collections using the MERN stack (React.js, Node.js, Express.js, MongoDB)
- Designed and implemented separate user and admin modules with role-based access control for efficient system management.
- Implemented secure authentication and authorization using JWT and session-based cookies to ensure safe user access.
- Built and integrated scalable RESTful APIs for product management, cart operations, order processing, and order tracking with proper validation and error handling.
- Developed a feature-rich Admin Dashboard to manage products, categories, users, and orders with complete CRUD operations and image upload functionality.
- Deployed the application on AWS and created a fully responsive user interface with features including product browsing, cart management, checkout, and order history.
- complete CRUD operations and image upload functionality.

## EXPERIENCE

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**MERN Stack Intern**  
**DevXtra Academy Private Limited**

**Sep-2025 - Present**  
**Kochi ,India**

- Worked on building a full-stack web application using React.js, Node.js, Express.js, and MongoDB as part of hands-on development training.
- Contributed to developing RESTful APIs and integrating frontend components with backend services to ensure smooth data flow and responsive user interfaces.
- Designed and worked with MongoDB schemas to support efficient data storage and retrieval following basic best practices for scalable application development.
- Implemented authentication and authorization features to secure application endpoints.
- Independently built projects by handling end-to-end development, including API integration, user authentication, and database management.
- Deployed and managed web services using GitHub.

## EDUCATION

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**Yuvakshetra Institute Of Management Studies,Palakkad**  
*Bachelor of Computer Application , Calicut University*

**Sep-2022 - March-2025**  
*CGPA: 6.71/10*