Karthick Eswaran

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SKILLS

Languages: C/C++, JavaScript/TypeScript, Php, HTML/CSS
Frameworks: NestJS, ReactJS, AngularJS, Bootstrap, Tailwind CSS
Tools: Git/GitLab, VS Code, Figma, Linux
Softskills: Collaborative, Adaptative, Continuous learning

PROJECTS

Chat app | *React js, Nest js, Typescript, sockets, Git/GitLab, VS Code, PostMan*   On Going
- Developing a real-time chat application with React.js and NestJS, delivering seamless user interactions using the latest routing techniques
- Built reusable components in React.js utilizing the CVA library to enhance code efficiency and maintainability.
- Secured user authentication and access with JWT implementation in the NestJS backend.
- Integrated Socket.io for real-time communication and MongoDB with Mongoose for efficient data management.

Expense Tracking Notes App | *Angular js, Nest js, Typerscript, Bootstrap, Apache, PostMan, Git/Gitlab*   Sep 2024
- Developed a Full-stack web application to efficiently track and manage daily expenses
- Implemented JWT(Json Web Token) to secure user access and protect sensitive data of users
- Leveraged Angular data binding and lifecycle hooks to create dynamic, responsive front-end interactions, improving user experience
- Built a secure and efficient backend using NestJS, integrating TypeORM for database management, Auth Guards for access control, and RESTful APIs for seamless communication

Cyber-Check | *Php, HTML, CSS, javscript, Bootstarp, Apache, Git/Gilab*   Oct. 2023
- Focused on UI/UX design to create an intuitive and user-friendly interface.
- Developed front-end features using modern technologies such as HTML, CSS, JavaScript, and Bootstrap.
- Implemented dynamic templating with PHP for efficient web page generation

Auth Endpoints | *Php, Mysql, PhpMailer, OAuth Git/Gitlab*   Dec. 2023
- A backend system with PHP, MySQL, and OAuth for secure user authentication and token-based access
- Integrated PHPMailer for signup confirmations and password reset emails

EXPERIENCE

Mahindra Research and Development | *Associate Engineer*   July 2022 – Aug 2023
As an Associate Engineer, I successfully collaborated with cross-functional teams and external suppliers, demonstrating strong communication, teamwork, and coordination with stakeholders to achieve target, in time.

COURSEWORK

Courses: Offensive and Defensive Programming, Object-Oriented Programming, Data Structures, Algorithms
Awards: On-Time Target Achievement Award

EDUCATION

Sri Krishna College Of Technology   June 2022
B.E Mechanical Engineering   *CGPA: 7.2*
SVGV Matric Higher Secondary School   June 2018
Bio-Maths   *Percentage: 75.75*