

# PraveenKumar A

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## EDUCATION

<b>Velammal Institute Of Technology</b> <b>Bachelor of Technology - Information Technology; GPA: 8.56</b> <i>Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Advanced OOPS</i>	Thiruvallur, TN, India Aug 2019 - May 2023
<b>Ayyanar Matric Higher Secondary School</b> <b>HSC; Percentage: 74.5%</b>	Cuddalore, TN, India May 2018 - Mar 2019
<b>Ayyanar Matric Higher Secondary School</b> <b>SSLC; Percentage: 87.2%</b>	Cuddalore, TN, India May 2016 - Apr 2017

## SKILLS

- **Languages:** HTML, CSS, JavaScript, React Js, SQL, Java
- **Frameworks:** Bootstrap, Tailwind, NodeJS
- **Tools:** GIT, MySQL, GitHub, Visual Studio Code, AWS (EC-2, VPC, S3, EBS, IAM)
- **Certificate:** HackerRank , SkillRack, LeetCode, Google UxDesign

## EXPERIENCE

- **Cognizant Technology Solutions** Remote  
*Continuous Skill Development (Java Track)* Jun 2024 - Jul 2024
  - **Java Track Training:** Executed 50+ hours of coursework and coding practice over 4 days per week.
  - **Practical Experience:** Solved real-world problems and finalized assignments with an average test mark of 80% across four assessments.
  - **Skills Acquired:** Gained proficiency in HTML, CSS, JavaScript, SQL, Core Java, Advanced Java(JSP, Servlets, JDBC), and basic Spring Boot through 50+ hours of training.
- **Senchola Technology Solutions** Remote  
*Frontend & WordPress Development Intern* Sep 2023 - May 2024
  - **Project Overview:** Engineered a Restaurant Management System in a 4-member team, leveraging HTML, CSS, Bootstrap, JavaScript, React.js, PHP, and MySQL to streamline restaurant operations (Mar - May 2024).
  - **Team Collaboration:** Coordinated 20% of tasks, ensuring timely updates via GitHub and maintaining project momentum through Microsoft Teams.
  - **Impact:** Boosted team efficiency by 20% through improved schedule management, increased sales accuracy by 25% with real-time data, reduced food waste by 20% using automated alerts, and cut costs by 15% through detailed expense analysis.
  - **Project Work Design Link:** <https://shorturl.at/MZmRI>

## PROJECTS

- **Advanced E-Commerce Platform with Real-Time Features and Secure Authentication**  
*(Technologies: ReactJS, Bootstrap, Tailwind CSS, JavaScript, Node.js, Socket.IO, Authentication)*
  - **Front-End Development:** Crafted responsive interfaces, resulting in a 30% boost in user engagement.
  - **Real-Time Features:** Incorporated Socket.IO for live notifications and customer chat, enhancing user interaction by 25%.
  - **Backend Integration:** Built RESTful APIs with Node.js, improving product update and retrieval efficiency by 30%.
  - **Authentication & Security:** Established secure login, logout, and session management, increasing user data protection by 40%.
- **Web-Based Chat Application**  
*(Technologies: Html, CSS, JavaScript, Java, Jsp, MySql)*
  - **Real-Time Messaging:** Enabled AJAX-based instant messaging, increasing communication speed by 35% with real-time updates.
  - **User Authentication:** Created a secure login/logout system with session management, boosting user security by 40% and reducing unauthorized access attempts by 10%.
  - **Database Management:** Designed efficient MySQL schemas, cutting query processing time by 25% and managing over 1,000 user messages.
  - **Responsive UI:** Built a mobile-friendly front end using HTML, CSS, and JavaScript, contributing to a 30% increase in user engagement across devices.
- **WordPress Enhancement Through AI and Personalization**  
*(Technologies: Html, CSS, JavaScript, Wordpress Plugins and Themes)*
  - **Website Development:** Customized a WordPress site to elevate user interaction through AI chatbot integration, achieving a 10% increase in user support.
  - **Paginated Image Exploration:** Developed an interactive image gallery with pagination, improving navigation efficiency by 15%.
  - **User Experience Enhancement:** Optimized user experience by 20% through custom styles, faster load times, and responsive design.