

Bharani Karthikeyan

Full Stack Developer

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Pudukkottai, Tamil Nadu, India

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Professional Summary

Experienced Full Stack Developer with over 5 years of experience in analyzing, designing, and integrating front-end and back-end applications. Proficient in HTML, CSS, JavaScript, React.js, Ajax, PHP, Node.js, Express.js, and Flutter. Developed a web application allowing 75K users to search for certifications with 89% accuracy based on location, and a Flutter app for farmers to locate required products with 100% accuracy from nearby places.

Skills

- **Front-End:** HTML, CSS, JavaScript, jQuery, Bootstrap, ReactJs, Flutter
- **Back-End:** PHP, Laravel, Node.js, Express.js
- **Databases:** MySQL, MongoDB, SQLite
- **Tools:** VS Code, Git, GitHub, Postman, npm, Composer, Mural
- **Soft Skills:** Team Collaboration, Problem-Solving, Time Management, Adaptability, Continuous Learning

Professional Experience

Senior Full-Stack Developer

Trichy, India

Shalom Info-Tech Ltd.

08/2021 - present

- Developed 10+ websites and web application front-end code using HTML, CSS, JavaScript, and jQuery to create responsive web applications compatible across 29 devices, including desktops and tablets.
- Created a web application enabling 2.7K+ users to apply and verify their certificates for completed courses, reducing customer support calls by 79% and integrating payment gateways using CCAvenue and Razor Pay.
- Developed a Flutter mobile application for GK Milk Company, allowing 100% of customers to order products and track deliveries, and enabling 100% of delivery personnel to manage routes and confirm deliveries. This improved operational efficiency, reducing customer support calls by 85% and increasing delivery accuracy by 90%.
- Designed a user-friendly calculator for Rubin Glass Company, enabling seamless selection of options like type, thickness, holes, and polish edge. Implemented JS logic to calculate prices with breakdowns for net, documentation charge (0.50%), insurance charge (2.50%), and GST (18%). Incorporated cart functionality and integrated email invoicing with responsive HTML5/CSS3 templates.
- Implemented various APIs including Google Maps and Firebase cloud messaging.

Full-Stack Developer

Pudukkottai, India

Argick Software Ltd. (Freelancer)

06/2019 - 12/2020

- Optimized 29 web pages for speed and performance by eliminating unnecessary scripts/styles and increasing load time by 69%.
- Collaborated with a 15-member team to develop a Learning Management System (LMS) for effective end-to-end training management across teachers, students, and parents. Served diverse users including LMS Management, Admins, Trainers, school staff, Compliance teams, and librarians.

Junior Engineer

Madurai, India

Sirahu Technologies Private Limited

01/2018 - 05/2019

- Developed back-end services using PHP-Laravel and MySQL.
- Created dynamic front-end interfaces using Angular and ReactJs.
- Developed Chrome Plug-ins using JavaScript, HTML, and CSS.
- Integrated various APIs including Google Chabot and Vonage-Nexmo for text and voice services.

Education

B.E. Computer Science and Engineering

Pudukkottai, Tamil Nadu, India

Sudharsan Engineering College

2012-2016

Relevant Courses: Software Development, Data Structures and Algorithms, Database Systems, Web Development, Mobile Application Development.

Certifications and Training

- Diploma in AutoCAD, Java, and C++
- In-plant training and corporate training at Code Bind Technologies Workshop, Chennai
- Basics Concept of Hardware & Networking on Switching and Routing at CMS IT Training Institute
- Android Apps development training at Gateway Finishing School

Achievements

- Won academic proficiency award multiple times during undergraduate studies
- Active member of NSS and Rotary Club in School and college

Languages

- **English** [Fluent]
- **Tamil** [Native]

Projects

- **Cauvery College PDF Management Website:** Developed website/app using HTML, CSS, JavaScript (jQuery) for front-end, Laravel for back-end, and MySQL for database. Enabled management of college PDF (e.g., books, results, question papers) with menu categories and subcategories, including admin features for upload, authorization, role assignment, user creation, and user operations (upload, rename, delete). Provided user/student access for viewing and downloading documents.
- **TANUVAS Poultry App:** Developed a mobile app using Flutter for front end, Laravel for back end, and MySQL for database. Integrated the Google Maps API, allowing farmers to find nearby services such as hospitals and shops, and enabling them to register and sell birds and animals as services.
- **GK Milk App:** Developed separate Android and iOS mobile apps using Flutter for Front-End. Integrated Google Maps API, Firebase Cloud Messaging, and Razorpay, facilitating order placement and payment for customers. Provided order management and delivery for delivery boys, and stored data of customers and employees.
- **Rubin Glass Calculator:** Developed a web application using HTML, CSS, jQuery, Bootstrap for front-end, PHP and Laravel for back-end, and MySQL for database. Enabled users to customize glass specifications and calculate prices, with automatic GST and tax calculation, and generation of detailed invoices.
- **BECB Bank Admin Portal:** Maintained BHEL Employees' Co-Operative Bank admin portal using JavaScript, HTML, CSS for Front-End, PHP with Laravel framework for Back-End, and MySQL for database. Developed existing modules, added new features, fixed errors, and conducted regular maintenance and updates.
- **TVECERT Content Management System (CMS):** Developed CMS using HTML, CSS, Bootstrap, JavaScript, Laravel, PHP, MySQL for online certification courses in ISO standards. Integrated CCAvenue for payment processing.
- **Conference App:** Developed admin panel using HTML, CSS, Bootstrap, jQuery, Laravel, MySQL, and Microsoft Teams API. Managed user information for Indian Institute of Welding's global conference, enabling automated email confirmations and a technical query portal.
- **Navilu App:** Developed Android app with PHP, Laravel Back-End, and MySQL database. Integrated ZOHO Book and Inventory API, with custom API for dynamic endpoint configuration, allowing the admin to manually manage data retrieval.
- **Saaram Chits:** Developed chit funds management web application using JavaScript, HTML, CSS, Bootstrap for Front-End, PHP with Laravel framework for Back-End, and MySQL for database. Provided customized views for different roles in the organization and analytical data for business development.
- **Learning Management System:** Developed a web-based platform using JavaScript, HTML, CSS for front-end, PHP with Laravel framework for Back-End, and MySQL for database. Designed to streamline administrative tasks and enhance communication between stakeholders in schools. Automated attendance management, tracked exam results, and sent notifications via SMS to parents. Worked with a team consisting of a Project Manager, 2 front-end developers, 2 Back-End developers, a database developer, a QA Engineer, and a UX/UI designer.