

Karthick Arumugam

karthickarumugam1510@gmail.com | +91 8778315180

linkedin.com/in/karthick1525

PROFESSIONAL SUMMARY

- Creative and detail-oriented Full-Stack Developer with a strong passion for transforming ideas into functional, user-friendly applications.
- Committed to continuous learning and staying updated with evolving technologies to deliver modern and scalable digital solutions.
- Thrive in fast-paced environments, with proven ability to adapt quickly, collaborate effectively, and take ownership of end-to-end development.

EXPERIENCE

MINDTEK RESEARCH AND IT SOLUTIONS | FULL-STACK

DEVELOPER

July 2023 - Present | Nagercoil, India

- Built scalable web applications using React.js, Express.js, PHP, Python, and MySQL.
- Designed and optimized RESTful APIs to enhance performance.
- Managed MySQL databases for efficient storage and retrieval.
- Wrote clean, maintainable, and well-documented code to ensure long-term project scalability.
- Streamlined CI/CD workflows using GitHub Actions for automated deployments.
- Improved app security with robust authentication and data encryption methods.
- Reduced web application load times by 30% through performance optimization.

PROJECTS

ONECLICK E-COMMERCE | LIVE

- **Description:** A feature-rich e-commerce platform with real-time inventory, order tracking, secure payment integration, and admin-manageable authentication.
- **My Role:** Led full-stack development by designing and implementing both the dynamic front-end interface and robust back-end APIs, including payment systems.
- **Technologies Used:** React.js, Express.js, MySQL, Bootstrap.

FABRO ROOM BOOKING | LIVE

- **Description:** A hotel booking system with real-time availability, customer authentication, and integrated payments.
- **My Role:** Handled full-stack development by creating an engaging front-end experience and developing a comprehensive back-end architecture with real-time tracking.
- **Technologies Used:** React.js, JavaScript, Bootstrap, Express.js, MySQL.

COLLEGE ADMINISTRATION & VIEW GALLERY | LIVE

- **Description:** A management system for student records and event galleries.
- **My Role:** Developed the gallery module and admin panel functionalities.
- **Technologies Used:** PHP, MySQL, JavaScript, Bootstrap.

TECHNICAL SKILLS

- **Frontend:** React.js, Redux, HTML, CSS, JavaScript, Bootstrap, Responsive Web Design.
- **Backend:** Python, PHP, Express.js, Node.js, MySQL, MongoDB, Laravel (familiar), RESTful API development.
- **DevOps/Tools:** Git/GitHub, Postman, Netlify, Render, vercel, Firebase, VS Code, CI/CD (GitHub Actions).
- **APIs:** RESTful API design, integration and optimization, third-party API integration.

PROFESSIONAL SKILLS

- Time Management
- Adaptability
- Problem-Solving
- Flexibility
- Multitasking
- Organizational Skills
- Quick Learner
- Attention to Detail
- Decision Making

EDUCATION

UDAYA SCHOOL OF ENGINEERING | B.E. IN COMPUTER

SCIENCE & ENGINEERING

2019 - 2023 | Nagercoil, TN

- CGPA: 7.8
- Recognized as a bright student to collaborate with the SP Office in developing a cyberforensic laboratory, focusing on digital investigations and cybersecurity infrastructure.
- Served as an exam invigilator for government and bank exams during academic breaks, ensuring fairness and examination integrity.