Contact

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com

www.linkedin.com/in/
karthiyayinimuthuraj (LinkedIn)

Top Skills

Data Science

Deep Learning

NLP

Languages

Tamil (Native or Bilingual)

English (Professional Working)

Certifications

Artificial Intelligence and Data
Science

AWS Certified Developer - Associate

Karthiyayini Muthuraj

Laravel | PHP | Machine Learning | Data Science | NLP | Deep
Learning | AWS Certified Developer | Full Stack Developer | Senior
Technical Lead | Concert IDC
Chennai, Tamil Nadu, India

Summary

I'm Karthiyayini Muthuraj,

Professional Summary:
- Senior Software Engineer with 14 years of expertise in PHP Laravel
development.
- Experienced AI Engineer specializing in machine learning and deep
learning.
- Skilled in extracting valuable insights from extensive data sets.
- Committed to knowledge sharing and continuous growth in dynamic
environments.

Technical Skills:
- Proficient in backend development using PHP, Laravel, and
CodeIgniter.
- Skilled in frontend technologies including Angular, React JS, and
JavaScript.
- Expertise in database management with MySQL, PostgreSQL, and
SQLite.
- AWS Certified Developer Associate with proficiency in CI/CD, ASG,
Lambda, and RDS.
- Experienced with DevOps tools, including Ansible and Linux.

AI & Machine Learning Expertise:
- Advanced knowledge of machine learning algorithms and
techniques.
- Extensive experience in deep learning and natural language
processing (NLP).
- Actively expanding skills in Generative AI and Large Language
Models (LLMs).
- Focused on enhancing AI capabilities through Retrieval-Augmented
Generation (RAG).

Personal Interests:

- Passionate about travel and exploration, drawing inspiration from new experiences.
- Dedicated reader of self-motivation literature, with a focus on personal development.

I'm always excited to collaborate and push the boundaries of what's possible with technology!

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Experience

ConcertIDC
Senior Technical Lead
January 2022 - Present (3 years)
Chennai, Tamil Nadu, India

Roles & Responsibilities:

- Collaborate directly with stakeholders and clients to drive project success.

- Develop the "Innovazone" product, focusing on innovative solutions.

- Upgrade frameworks, including transitioning from Laravel 5 to Laravel 8 and from Angular 2 to React.js.

- Work on proof-of-concept platforms such as APPSync, GraphQL, SAML, and MFA authentication.

Achievements:

- Successfully completed the AWS Certified Developer - Associate program.

International Development Connection
Senior Technical Lead
March 2020 - January 2021 (11 months)
Chennai, Tamil Nadu, India

Roles & Responsibilities:

- Collaborated directly with stakeholders and clients to develop the "Innovazone" project.

- Upgraded frameworks from Laravel 5 to Laravel 8 and transitioned from Angular 2 to React.js.

- Worked on proof-of-concept platforms, including APPSync, GraphQL, SAML, and MFA authentication.

Achievements:

- Streamlined downloadable file sizes.

- Improved Laravel ORM query performance.

- Updated unit tests for REST APIs.

- Received positive feedback from clients and management.

KnackForge
Technical lead Full stack laravel developer
June 2018 - June 2019 (1 year 1 month)
Chennai, Tamil Nadu, India

Roles & Responsibilities:

- Enhanced infrastructure and code quality for multi-tier web systems.

- Developed scalable applications using unit-testable methods and conducted code reviews.

- Coached and mentored a team of eight developers.

- Provided project updates, identified risks, and proposed solutions to the management team.

- Evaluated and recommended architecture for P2P systems to ensure architectural integrity.

- Participated in sprint planning, execution, retrospectives, and backlog grooming

Achievements:

- Trained and mentored eight developers in Laravel and Angular frameworks.

- Developed a dynamic Angular forms package.

- Enhanced Laravel architecture with design patterns for feature expansion.

- Improved search and loading times.

- Awarded "Quarterly Employee of the Year."

OptiSol Business Solutions
Full stack Technical Lead
February 2016 - March 2018 (2 years 2 months)
Madurai, Tamil Nadu, India

Roles & Responsibilities:

- Defined project requirements with clients and BAs.

- Managed a team of four, overseeing task distribution and work schedules.

- Participated in recruitment and coordinated team efforts to meet project goals.

- Supervised code reviews and ensured quality standards.

Achievements:

- Led development of solar system software.

- Trained junior team members.
- Improved error documentation systems.
- Received the "Star Award" for outstanding performance.

Invigor Group
PHP Web Developer
August 2014 - January 2016 (1 year 6 months)
Chennai, Tamil Nadu, India

Roles & Responsibilities:
- Collaborated with offshore teams and senior technical leaders to effectively communicate and align with business requirements.
- Developed complex logic-driven programs using frameworks such as CodeIgniter, Laravel, Angular, and Vue.js, as part of a four-person team.
- Utilized Google GPS navigation systems in a project for the Austrian government, demonstrating a strong ability to quickly adapt to new technologies and solutions.

Achievements:
- Awarded "Best Coder" for delivering exceptionally clean and efficient code.

UDeserve Technologies
PHP Developer
May 2011 - July 2014 (3 years 3 months)
Madurai, Tamil Nadu, India

Roles & Responsibilities:
- Collaborated with programmers, designers, and developers to create new software applications and programs.
- Developed programming scripts to enhance the performance and functionality of business applications.
- Analyzed and resolved technical issues, demonstrating strong problem-solving skills.

Achievements:
- Awarded "Employee of the Year."
- Recognized as "Employee of the Month."

Education

Raja College of Engineering and Technology
Bachelor's degree, Computer Science