Ahmedabad, India
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Vishal Upadhyay

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Technical Lead with over 10 years of experience in full-stack development, specializing in Artificial Intelligence (AI), Machine Learning (ML), and blockchain innovations. Expert in leveraging programming languages such as PHP, JavaScript (ReactJS, NextJS, TypeScript), and Solidity to design and implement innovative solutions. Proven track record of managing cross-functional teams to deliver high-quality, scalable software products. Adept at integrating AI and machine learning algorithms to enhance application performance and user engagement. Passionate about utilizing cutting-edge technologies to drive business growth and exceed client expectations.

Work Experience

Technical Lead | Intuz Solutions PVT LTD | September 2024 – Present | Ahmedabad, Gujarat, India

- **Team Management:** Lead and mentor a team of AI and software developers, fostering a collaborative environment to drive innovation and ensure project success in AI/ML solutions.

- **Development:** Oversee the design, development, and deployment of scalable AI-driven solutions utilizing Python, custom-trained models, and Azure OpenAI services, while integrating advanced frameworks and pre-trained models.

- **Client Communication:** Serve as the primary liaison for clients, facilitating clear communication and alignment on project goals, ensuring AI solutions meet client needs and deliver actionable insights.

- **Daily Standup Meetings:** Conduct daily standups to track progress, address technical challenges, and maintain focus on objectives, promoting a streamlined and agile approach to project delivery.

- **Project Completion:** Successfully manage multiple AI/ML projects from data collection to deployment, leveraging custom models, Kaggle datasets, and Hugging Face pre-trained models to deliver high-quality outcomes on schedule.

- **Skill Growth:** Encourage continuous learning in the latest AI and machine learning trends, fostering a culture of innovation and growth within the team.

- **Unit Testing & Code Review:** Implement robust unit testing and code review for model performance, ensuring accuracy, reliability, and adherence to industry standards.

Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker.

- **Machine Learning & AI Tools:** Python, Azure OpenAI, custom-trained models, Hugging Face pre-trained models, Kaggle datasets
- **Data Management:** MySQL, MongoDB, data pipelines for custom and pre-trained model integration
- **Cloud Services:** Azure (Model Deployment, Storage), AWS (S3 Bucket, EC2)
- **Web & Backend Frameworks:** FastAPI, Django, ReactJS
- **Integration:** API development, custom solutions for seamless AI/ML integration across platforms

Technical Lead | Technource Solutions PVT LTD | April 2024 – September 2024 | Ahmedabad, Gujarat, India

- **Team Management:** Lead and mentor a team of developers, fostering a collaborative and productive work environment to ensure project success.
- **Development:** Oversee the design and development of scalable software solutions using cutting-edge technologies such as PHP, NodeJS, ReactJS, and NextJS.
- **Client Communication:** Serve as the primary point of contact for clients, ensuring clear communication and alignment on project goals and expectations.
- **Daily Standup Meetings:** Conduct daily standup meetings to track progress, address challenges, and maintain team focus on project objectives.
- **Project Completion:** Successfully manage multiple projects from inception to completion, ensuring timely delivery and exceeding client expectations.
- **Skill Growth:** Encourage continuous learning and skill development within the team to stay ahead of industry trends and technological advancements.
- **Unit Testing & Code Review:** Implement rigorous unit testing and code review processes to maintain high-quality code standards and minimize errors.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
  - **Backend Frameworks:** PHP, NodeJS
  - **Web Frameworks:** ReactJS, NextJS
  - **Languages & Technologies:** TypeScript, Blockchain, Web3, Solidity Contract, RestAPI, Core Python
  - **Database Management:** MySQL, MongoDB, Sequelize
  - **Cloud Services:** AWS (S3 Bucket, EC2 Deployment, SES)
  - **Payment Integration:** Stripe

Full Stack Developer | Intuz Solutions PVT LTD | October 2021 – March 2024 | Ahmedabad, Gujarat, India

- **Team Management:** Lead and mentor a diverse team of developers, fostering a collaborative and innovative environment that promotes high performance and skill development.
- **Development:** Oversee the full software development lifecycle, from design to deployment, utilizing advanced technologies and frameworks such as PHP, NodeJS, ReactJS, and NextJS.
- **Client Communication:** Act as the primary liaison with clients, ensuring transparent communication and alignment with project goals and deliverables.
- **Daily Standup Meetings:** Facilitate daily standup meetings to ensure team alignment, track progress, and address any obstacles promptly.
- **Project Completion:** Successfully manage and deliver a diverse range of projects, including E-Commerce platforms, ERP systems, in-house projects, blogs, NFT marketplaces, and AI chat assistants, ensuring they are completed on time and within budget.
- **Skill Growth:** Advocate for continuous learning and professional growth within the team, encouraging the adoption of new technologies and methodologies.
- **Unit Testing & Code Review:** Implement comprehensive unit testing and code review processes to ensure high-quality code and reduce errors.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
  - **Backend Frameworks:** PHP, NodeJS
  - **Web Frameworks:** ReactJS, NextJS
  - **Languages & Technologies:** TypeScript, Blockchain, Web3, Solidity Contract, RestAPI, Core Python
  - **Database Management:** MySQL, MongoDB, TypeORM, Sequelize
  - **Cloud Services:** AWS (S3 Bucket, EC2 Deployment, SES)
  - **Payment Integration:** Stripe, Tingg, Mobile Money

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Senior Software Engineer | YoungBrainz Infotech PVT LTD | September 2018 – September 2021 | Ahmedabad, Gujarat, India

- **Team Management:** Lead and develop a high-performing team of developers, promoting a collaborative and innovative work environment to achieve project goals efficiently.
- **Development:** Manage the end-to-end development process using advanced frameworks such as PHP, CodeIgniter, Laravel, and NodeJS to deliver robust and scalable software solutions.
- **Client Communication:** Serve as the primary liaison with clients, ensuring clear communication and alignment on project objectives, requirements, and timelines.
- **Project Completion:** Successfully oversee and deliver a diverse range of projects, including E-Commerce platforms, Dating Apps, entertainment systems, blogs, meetings applications, shipment tracking, and admin portals, ensuring they are completed on time and within budget.
- **Skill Growth:** Foster a culture of continuous learning and professional growth, encouraging the adoption of new technologies and methodologies to enhance team skills and capabilities.
- **Unit Testing & Code Review:** Implement rigorous unit testing and code review processes to ensure high-quality code and reduce the risk of defects and errors.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
    - **Backend Frameworks:** PHP, CodeIgniter, Laravel, NodeJS
    - **Languages & Technologies:** TypeScript, RestAPI
    - **Database Management:** MySQL, MongoDB
    - **Cloud Services:** AWS (S3 Bucket, EC2 Deployment, SES)
    - **Google Services:** GCP Deployment, Firebase, Webhooks
    - **Payment Integration:** PayPal, Stripe, Mobile Money

Software Engineer | Technomeet Solutions PVT LTD | November 2017 - September 2018 |Gandhinagar, Gujarat, India

- **Development:** Lead the design and implementation of software solutions using PHP and CodeIgniter, ensuring robust and efficient backend frameworks that meet project requirements.
- **Client Communication:** Maintain clear and effective communication with clients, gathering requirements, providing updates, and ensuring alignment with project goals and expectations.
- **Project Completion:** Successfully manage and deliver complex projects, including Industry ERP systems, Product ERP solutions, and Job Portals, ensuring they are completed on time and to client specifications.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
    - **Backend Frameworks:** PHP, CodeIgniter
    - **Languages & Technologies:** RestAPI
    - **Database Management:** MySQL

Software Engineer | Appbits Solutions PVT LTD | March 2017 - October 2017 | Ahmedabad, Gujarat, India

- **Development:** Lead the design and implementation of software solutions, utilizing PHP, CodeIgniter, and NodeJS to create robust and efficient backend frameworks for various applications.
- **Project Completion:** Successfully manage and deliver complex projects, including E-Learning Portals and E-Commerce platforms, ensuring timely delivery and alignment with client specifications.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
    - **Backend Frameworks:** PHP, CodeIgniter, NodeJS
    - **Languages & Technologies:** RestAPI

Software Engineer | OpenXcell | June 2016 - March 2017 | Ahmedabad, Gujarat, India

- **Development:** Spearhead the development and implementation of software solutions using PHP, CakePHP, and CodeIgniter to build scalable and efficient backend frameworks.
- **Project Completion:** Successfully manage and deliver a variety of projects, including Online Book Reading platforms, E-Study applications, and Admin Portals, ensuring timely delivery and adherence to project requirements.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
    - **Backend Frameworks:** PHP, CakePHP, CodeIgniter
    - **Languages & Technologies:** RestAPI
    - **Database Management:** MySQL

Software Engineer | Computer Softworld | June 2015 - June 2016 | Ahmedabad, Gujarat, India

- **Development:** Lead the development and implementation of software solutions, utilizing PHP to create robust and efficient backend frameworks for various applications.
- **Project Completion:** Successfully manage and deliver projects, including Job Portals and Basic Websites, ensuring timely delivery and alignment with client specifications and business goals.
- Technologies & Tools: | Expanded expertise in advanced reinforcement learning, LLM fine-tuning, and AI-integrated DevOps pipelines using Docker and Kubernetes.
    - **Backend Frameworks:** PHP
    - **Database Management:** MySQL

Education and Certifications

● **JAVA,** CDAC, Gandhinagar, Gujarat, India.	**2023–2023**
● **ISO 27001 Lead Auditor,** ISC Global, Mumbai, Maharashtra, India.	**2018–2018**
● **B.Tech. Computer Science,** Rajasthan Technical University, Rajasthan, India.	**2008–2014**
● **SAP In Material Management,** MLC College, Canada.	**2015–2016**
● **PHP Training,** Ahmedabad, Gujarat, India.	**2014–2015**

Technologies

- **Backend Technologies:** Proficient in developing robust backend solutions using PHP, CodeIgniter, CakePHP, Laravel, and NodeJS. Experienced in building scalable and efficient server-side applications.
- **Web Frameworks:** Skilled in modern web frameworks including ReactJS, NextJS, and TypeScript, enabling the creation of dynamic and responsive user interfaces and applications.
- **Databases:** Adept at managing and optimizing databases with MySQL, MongoDB, TypeORM, and Sequelize to ensure reliable and efficient data handling.
- **Blockchain:** Experienced in blockchain technologies, including the development of smart contracts with Solidity and Web3 integration for secure and decentralized applications.
- **Payment Gateways:** Expertise in integrating various payment gateways such as PayPal, Stripe, Mobile Money, and Tingg, facilitating seamless and secure transaction processing.
- **Communication Tools:** Proficient in implementing communication solutions using Twilio and Zoom for real-time interactions and messaging.
- **AI Tools:** Leveraging advanced AI tools, including OpenAI for natural language processing, AI chat for conversational interfaces, Text To Speech, AI Art Generation, Image Vision, and Microsoft Azure for comprehensive AI and cloud solutions.

Other Sections

- **Winner, Intuz Hackathon 2023:** Recognized for innovative problem-solving and exceptional development skills in a competitive hackathon environment.
- **Dedicated Developer:** Acknowledged for consistent dedication and commitment to high-quality development and project delivery.
- **Appreciation for Project Completion:** Received commendation for successfully completing projects on time and exceeding client expectations.

Interests

- **Learning:** Passionate about continuous learning and personal growth through exploring new technologies and acquiring new skills.
- **Coding Challenges:** Enthusiastic about participating in coding challenges to test and enhance problem-solving skills and algorithmic thinking.
- **Self-Improvement:** Committed to personal development and constantly seeking ways to improve and exceed previous accomplishments.
- **Gaming:** Enjoy engaging in gaming as a way to relax, strategize, and stay mentally agile.
- **Outdoor Activities:** Active in various outdoor activities, appreciating the balance between work and nature.
- **Traveling:** Enthusiastic about exploring new cultures and destinations, enriching experiences through travel.
- **Bike Riding:** Enjoys bike riding for both leisure and fitness, embracing the sense of freedom and adventure it offers.