Nagarjun Dhar

Software Engineer

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Skills

Python

Perl

PHP

I am Nagarjun Dhar, a versatile Full Stack Java and Full Stack Python Developer with a robust background in developing scalable solutions across various industries. With a Bachelor's degree in Engineering and hands-on experience spanning roles as a Graduate Engineering Trainee and PHP Developer, I bring expertise in Java, Python, microservices, and web development frameworks. My journey includes valuable stints at organizations like Diya Systems, ACCE Global Software PVT Ltd, and Sunsky Software Technologies, where I honed my skills in software engineering, PHP development, and project management. Passionate about leveraging technology to drive innovation, I am adept at creating efficient, secure, and user-centric applications. I am currently seeking new challenges in roles that allow me to apply my technical acumen and contribute to impactful projects.

Work History

2024-02 - 2024-03

Technical Analyst

WebSkitters Academy, Kolkata

- As a dedicated Web Development Tutor at Webskitter, I specialize in guiding students through the intricacies of modern web development technologies and practices
- Leveraging my extensive knowledge in HTML, CSS, JavaScript, and frameworks such as React and Angular, I create engaging learning experiences tailored to each student's skill level and learning objectives
- My role involves designing structured curricula, conducting hands-on coding sessions, and providing constructive feedback to foster rapid skill development
- By emphasizing practical projects and real-world scenarios, I empower students to build robust web applications and cultivate a deep understanding of front-end and back-end development
- Through personalized mentoring and a passion for web development, I inspire students to excel and pursue rewarding careers in the ever-evolving field of web technology.

2022-03 - 2023-01

Graduate Engineering Trainee

Diya Systems, Mangalore taluk

Languages

English

Bilingual or Proficient (C2)

Hindi

Bilingual or Proficient (C2)

Bengali

Bilingual or Proficient (C2)

- At Diya Systems, I began my career as a Graduate Engineering Trainee, where I was exposed to various aspects of software engineering and development
- My role involved participating in comprehensive training programs, assisting in the development and testing of software applications, collaborating with experienced engineers, gaining hands-on experience with programming languages and tools, and engaging in debugging and troubleshooting
- This role provided a solid foundation for my career in software development.

2022-01 - 2022-08

PHP Developer

ACCE GLOBAL SOFTWARE PVT LTD, Kolkata

- As a PHP Developer at ACCE Global Software PVT Ltd Technologies, I was responsible for developing and maintaining web applications
- My key contributions included designing and implementing scalable backend solutions, collaborating with front-end developers, optimizing existing codebases, implementing security best practices, troubleshooting and resolving technical issues, and staying updated with the latest industry trends and technologies.

2020-01 - 2020-12

Junior Programmer

Sunsky Software Technologies Pvt. Ltd, Kalyani

- At Sunsky Software Technologies, I worked as a Junior Programmer, where I was involved in several key projects
- My responsibilities included writing clean, efficient, and maintainable code, collaborating with senior developers, debugging and troubleshooting software issues, participating in code reviews, and contributing to the development of technical documentation.

2019-05 - 2019-07

PHP Web Developer

Marketing Mindz LLC, Jaipur

- During my internship at Marketing Mindz, I had the opportunity to work on a Human Resource Management (HRM) application using PHP
- This project involved developing robust and

scalable backend solutions, implementing user-friendly interfaces, collaborating with cross-functional teams, and applying best practices in PHP development.

Education

2020-06	**BTECH**: Computer Science And Programming
	University of Engineering & Management - Jaipur, India

Interests

Love to participate in coding competition

Certifications

2018-01	Problem Solving through programming in C(NPTEL)
2024-07	Software Engineering(NPTEL)
2019-01	Programming in Java (NPTEL)

Projects

Projects

1. HRM Application - Marketing Mindz *Role: PHP Intern*

Duration: May 2019 - Jul 2019

- **Objective**: Develop a Human Resource Management (HRM) system to streamline employee data management, attendance, and payroll processing.
- **Technologies**: PHP, MySQL, JavaScript, HTML, CSS
- **Highlights**:Designed and implemented scalable backend solutions for managing employee data. Created user-friendly interfaces for HR personnel, enhancing user experience. Integrated the application with existing systems, ensuring seamless data flow. Implemented security best practices, including data encryption and secure authentication.

- **Outcome**: Successfully deployed the HRM system, improving HR operational efficiency and data security.

2. Web Application for ACCE Global Software PVT Ltd *Role: PHP Developer*
Duration: Jan 2022 - Aug 2022

- **Objective**: Develop and maintain high-performance web applications with a focus on reliability and security.
- **Technologies**: PHP, MySQL, JavaScript, HTML, CSS
- **Highlights**:Designed and implemented scalable backend solutions, optimizing data management and enhancing user experience.
  Collaborated with front-end developers to integrate server-side logic with dynamic web pages.
  Optimized codebases, enhancing application performance and reducing load times.
  Implemented robust security measures, including data encryption and secure authentication mechanisms.
- **Outcome**: Delivered multiple web applications with improved performance, security, and user experience, contributing to increased client satisfaction.

3. E-commerce Platform - Sunsky Software Technologies *Role: Junior Programmer*
Duration: Jan 2020 - Dec 2020

- **Objective**: Develop a dynamic e-commerce platform to enhance online shopping experiences.
- **Technologies**: PHP, MySQL, JavaScript, HTML, CSS
- **Highlights**:Wrote clean, efficient, and maintainable code for various application features.
  Collaborated with senior developers to design and implement new functionalities.
  Conducted debugging and troubleshooting to ensure high performance and responsiveness.
  Contributed to technical documentation, including user guides and API documentation.
- **Outcome**: Successfully launched the e-commerce platform, improving user engagement and sales conversion rates.

4. Full-Stack Web Application - Webskitter *Role: Web*

Development Tutor
Duration: June 2023 - Present

- **Objective**: Mentor students in web development, focusing on front-end and back-end technologies.
- **Technologies**: HTML, CSS, JavaScript, React, Angular, Node.js, Express.js
- **Highlights**:Designed and implemented a comprehensive curriculum covering modern web development practices.
Conducted hands-on coding sessions, guiding students through real-world projects and challenges.
Provided personalized mentoring, enhancing students' technical skills and problem-solving abilities.
- **Outcome**: Successfully mentored numerous students, many of whom have secured internships and job placements in the tech industry.

Accomplishments

- **Successful Delivery of Complex Projects**: Led the development and deployment of multiple web applications and systems, including an HRM application for Marketing Mindz and e-commerce platforms for Sunsky Software Technologies. Achieved project goals on time and within budget, enhancing operational efficiency and client satisfaction.
- **Technical Expertise in PHP and Web Development**: Demonstrated proficiency in PHP programming and web development technologies, contributing to the design and implementation of scalable, secure, and high-performance solutions. Recognized for optimizing codebases and improving application performance across various projects.
- **Mentoring and Teaching Excellence**: Excelled as a web development tutor at Webskitter, designing and delivering a comprehensive curriculum in HTML, CSS, JavaScript, React, Angular, Node.js, and Express.js. Successfully mentored students, fostering their technical skills

and preparing them for careers in software development.

- **Collaborative Team Player**: Played a key role in collaborative environments at ACCE Global Software PVT Ltd and other organizations, working closely with cross-functional teams to achieve project milestones and deliver exceptional results. Recognized for communication skills and ability to adapt to dynamic project requirements.
- **Problem-Solving and Innovation**: Demonstrated strong problem-solving abilities and innovative thinking in resolving technical challenges and optimizing processes. Implemented robust security measures, enhanced user interfaces, and integrated complex functionalities to meet project objectives effectively.
- **Client Satisfaction and Project Management**: Received positive feedback from clients for delivering solutions that met their business needs and exceeded expectations. Managed project timelines, resources, and stakeholder expectations effectively, ensuring successful project outcomes and long-term client relationships.

Competitive Programming

- **Platforms and Contests**: Regular participant in competitive programming contests on platforms like Codeforces, Topcoder, and HackerRank. Achieved notable rankings and solved complex algorithmic challenges.
- **Skills and Algorithms**: Proficient in data structures and algorithms, including dynamic programming, graph algorithms (DFS, BFS, Dijkstra's algorithm), sorting algorithms (quick sort, merge sort), and mathematical algorithms (number theory, combinatorics).
- **Problem-Solving Proficiency**: Demonstrated ability to solve challenging programming problems under time constraints. Developed strategies for optimizing code performance and achieving efficient solutions.

- **Competitions and Achievements**: Highlights include achieving high ratings on competitive programming platforms, winning medals or awards in local or national programming competitions, and consistently improving problem-solving skills.
- **Team Participation**: Experience in both individual and team-based competitive programming, collaborating with teammates to solve complex problems and achieve competitive success.
- **Learning and Growth**: Continuously learning and applying new algorithms and techniques through competitive programming challenges. Actively participating in online communities and forums to share knowledge and learn from peers.