

SEEMA SHUKLA

Web Developer

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SUMMARY

With over 6 years of experience as a web developer, I specialize in PHP, Python, Django, HTML, CSS, Machine Learning, MySQL, and Laravel. I have a proven track record in developing high-performance, scalable web services. My proudest achievement is leading a project that improved system efficiency by 20%. I am eager to bring my strong problem-solving skills and commitment to user service excellence to a forward-thinking development team.

EXPERIENCE

Full Stack Developer

Amazon automation Pvt. Ltd. Dehradun

May 2024 – Currently 📍 Uttarakhand, Dehradun

- Developed and maintained scalable web applications using React for the front-end and Node.js for the back-end, resulting in a 30% increase in user engagement.
- Implemented RESTful APIs and GraphQL endpoints to enhance application functionality and integration with third-party services.
- Led the migration of legacy systems to modern technology stacks, improving performance and reducing maintenance costs by [specific percentage or amount].
- Collaborated with cross-functional teams including designers, QA engineers, and product managers to deliver high-quality solutions on time and within budget.
- Utilized Docker and Kubernetes for containerization and orchestration, streamlining the deployment process and improving scalability.

Project Associate

Administrative Office IIT Roorkee

Mar 2021 – Apr 2024 📍 Uttarakhand, Roorkee

- Designed and developed a scalable web service in PHP for real-time data processing, handling over 100 applications per week, which improved system efficiency by 20%.
- Led a cross-functional team of developers and administrators in a major software lifecycle overhaul, resulting in a 25% shorter development cycle.
- Managed database schema design and optimizations for MySQL and MSSQL databases, achieving a reduction in data retrieval times by up to 30%.
- Introduced RESTful API integrations for external services, boosting inter connectivity and paving the way for future expansion on cloud platforms.
- Authored and maintained detailed software documentation, ensuring best practices and enabling a 15% increase in team productivity.
- Headed the UI/UX design initiative for a B2B web portal, directly contributing to a user satisfaction increase as measured in annual surveys.
- Contributed to a user satisfaction increase as measured in annual surveys.

Project Associate

Architecture and Planning Department IIT Roorkee

Sep 2019 – Mar 2021 📍 Uttarakhand, Roorkee

- Spearheaded a project that implemented a new software design pattern, Increasing code reusability by 40%.
- Developed and launched a SOAP web services layer for legacy systems, greatly enhancing interoperability and future proofing the application.
- Collaborated with business analysts to articulate business requirements into functional software, achieving a 99.5% success rate in the first deployment.
- Performed rigorous testing and maintenance on critical application components, ensuring an

uptime of 99.9%.

- Optimized and standardized company coding practices, leading to an 18% decrease in post-deployment bugs.
- Designed and implemented a deep learning model for climate image analysis, achieving a 98% accuracy rate in climate detection.
- Developed a deep learning algorithm for natural language understanding, improving Chabot response accuracy by 40% and increasing customer satisfaction by 25%.
- Collaborated with a team of researchers to develop a deep learning model for climate discovery, identifying potential survey candidates with a 75% success rate and accelerating the drug development process by 30%.

Project Assistant

DORA Office IIT Roorkee

📅 Nov 2018 – Sep 2019 📍 Uttarakhand, Roorkee

- Developed multiple high-impact PHP applications, consistently delivering projects 15% ahead of deadlines.
- Improved database performance and scalability through strategic restructuring and indexing of tables in MSSQL.
- Implemented client-requested custom modifications, resulting in increased customer satisfaction rates.
- Provided round-the-clock production support, successfully reducing system downtime and enhancing client confidence.

Software Developer

R & D Department Anuvidyut Pvt. Ltd. Roorkee

📅 Nov 2017 – Nov 2018 📍 Uttarakhand, Roorkee

- Assigned responsibilities for generating solutions to address product development and testing issues.
- Performed tasks related to testing system devices and assessing optical performance.
- Assisted staff in developing and testing optical fabrication processes.
- Assigned tasks involving the preparation of unit integration test documents and updating them for verification by senior R&D engineers.
- Ensured adherence to test case standards in accordance with regulatory guidelines.
- Managed issue tracking and coordinated with product staff to resolve them.
- resolve them.

Software Developer Intern

AG Measurematics Pvt. Ltd. Roorkee

📅 July 2016 – Aug 2017 📍 Uttarakhand, Roorkee

- Currently employed as a Software Developer, utilizing programming languages including C, C++, Java, HTML, and .NET for project development.
- Utilizing MS Access, MS Excel, and MS Word to enhance marketing database efficiency.
- Providing assistance to the technical head on various projects.
- Designing and developing new programs based on project requirements.
- Resolving technical issues across departments.
- Coordinating with clients to understand and fulfill their requirements effectively.

PROJECTS

Rich Site Summary Project

The goal of the Rich Site Summary project is to develop software capable of automatically checking websites for updates and generating corresponding RSS feeds. Additionally, the project will include a feed reader

programmed in Java that parses RSS feeds from specified sites, providing users with the latest updates.

Student Information

- The Student Management System is designed to support student records. It consists of the following sections:
 - Record Entry Section: In this section, individual student data is inputted and stored.
 - Search Record Section: Here, student records can be searched using either the roll number or name.
 - Display Section: This section provides a quick overview of student records.
 - Edit Section: Any incorrect information per training to a specific student can be corrected in this section.
- Developed using Java Language.**

ACHIEVEMENTS

- **Project Leader of the Year:** Named 'Project Leader of the Year' for spearheading the development and successful deployment of a mission-critical PHP application.
- **Excellence in Student Support:** Recognized by management for providing exemplary Tier 3 support, resulting in the highest student satisfaction rates.
- Implemented client-requested custom modifications, resulting in increased customer satisfaction rates.
- Provided round-the-clock production support, successfully reducing system downtime and enhancing client confidence.

EDUCATION

Bachelor's Degree in Computer Science

RCE College at UTU University

📅 2015 📍 Uttarakhand, Roorkee

Secondary Education

NIOS Board at Uttarakhand

📅 2009 📍 Uttarakhand, Roorkee

Senior Secondary Education

NIOS Board at Uttarakhand

📅 2011 📍 Uttarakhand, Roorkee

LANGUAGES

- **Hindi:** Native
- **English:** Intermediate Proficiency