Hardik Patel

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Portfolio • LinkedIn• London, UK

Junior Software Developer

Analytical and solutions-oriented Individual with a strong foundation in computer science and hands-on experience in full-stack development. Capable of enhancing user experiences and streamlining web interfaces. Excel in front-end problem-solving, with a keen focus on intuitive navigation and UI/UX design. Pride in boosting interface usability and efficiency, alongside a proven track record of addressing UI challenges to improve website functionality. Proficient in modern programming languages including **C**++, PHP, Java, Swift, SQL, with a solid understanding of front-end technologies. Skilled in debugging, testing, and collaborating in agile environments to deliver efficient software solutions. Eager to contribute to innovative projects, continuously improve skills, and grow within a dynamic development team.

Areas of Expertise

- UI/UX Design
- Big Data Analytics
- Collaborative Project Management
- Website Functionality Improvement

- Software Engineering
- Web Interface Streamlining
- Minimalist Aesthetics
- User Experience Enhancement

- Web & Software Development
- Front-end Development
- Design Techniques
- Leadership & Team Management

Technical Proficiencies

Design & Prototyping Tools: Adobe InDesign, Adobe Illustrator, Adobe Photoshop, Figma
Programming Languages: **C** ++, PHP, Java, Swift, SQL, MySQL
Web Development: HTML5, CSS3, JavaScript, jQuery, AngularJS, Bootstrap
Version Control: Git, GitHub
Mobile Development: Android Studio

Academic Highlights

Northumbria University, London   Jan 2023 — Jan 2024
Student (Master of Science in Computing and Technology)

Utilised big data analytics for large dataset analysis, leveraging Hadoop and Spark for insights and decision-making. Developed proficiency in DevOps practices, incorporating CI/CD pipelines and IaC. Explored emerging technologies like blockchain and IoT, investigating their implications on contemporary business applications.

- Gained advanced proficiency in data structures, algorithms, and software engineering principles, applying them to real-world computing challenges.
- Developed a deep understanding of cloud computing technologies and distributed systems architecture, implementing solutions using platforms like AWS and Azure.
- Enhanced skills in artificial intelligence (AI) and machine learning (ML), with hands-on experience building predictive models and automating data analysis tasks.
- Completed extensive coursework in cybersecurity, focusing on risk management, threat mitigation, and implementing secure system designs.

TERNA Engineering College, Navi Mumbai   Sep 2017 — Jun 2021
Student (Bachelor of Engineering in Computer Engineering)

Built a solid foundation in computer architecture, operating systems, and embedded systems, with hands-on projects involving microprocessors and microcontrollers. Acquired expertise in programming languages, such as C++, Java, and Python, with practical applications in developing software solutions and algorithms. Developed a comprehensive understanding of networking protocols, data communication, and wireless technologies, with emphasis on network security and performance optimisation.

- Gained practical knowledge in digital signal processing (DSP) and VLSI design, working on projects related to signal analysis and integrated circuit design.
- Mastered object-oriented programming (OOP) and software development methodologies like Agile, leading team-based projects from conception to deployment.

- Enhanced problem-solving skills through real-world applications of data structures, algorithms, and discrete mathematics in coding competitions and academic projects.
- Completed a capstone project in machine learning, utilising Python and TensorFlow to develop predictive models and analyze large datasets for real-time decision-making.

Professional Experience

Dezignolics Web And Software Company, Mumbai   May 2019 — May 2019
Web & Software Design Assistant

Assisted senior designers in creating engaging website prototypes that prioritise user experience. Identified and resolved UI issues to enhance front-end functionality. Rectified front-end UI glitches, elevating website functionality and user contentment. Developed inclusive understanding of IT and web design by actively participating in internships.

- Boosted user interaction with intuitive navigation tools and refined design components to heighten interface effectiveness.
- Elevated user interaction through streamlined interfaces and enhanced navigation, maximising usability and effectiveness.
- Strengthened dedication to UI/UX design and honed front-end development skills.
- Augmented proficiency in UI/UX principles, facilitating creation of project emphasising minimalist design and functionality.

Education

Master of Science in Computing and Technology
Northumbria University, London
Bachelor of Engineering in Computer Engineering
Terna Engineering College, Navi Mumbai

License & Certifications

Fundamentals of Digital Marketing – Google
Core and Advanced Java Training with OCIA 13 and OCJP 13
MySQL and PL/SQL
Swift 5 iOS Application Developer - Learn Quest
Introduction to Front-End Development – Meta

Leadership & Volunteer Experience

National Service Scheme (NSS) Participant - University of Mumbai, Mumbai
Blood Donation Camp Volunteer - Lions Club of Millenium, Mumbai
Plantation Drive Participant - Ecologics & Innovation, Mumbai