

NIKHIL BAIDYA

SR. SOFTWARE ENGINEER

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 Baluwatar, KTM, Nepal

EDUCATION INFO

- **Masters of Science in Information Technology**
The British College
(2018 - 2020)
- **Bachelors in Computer Engineering**
Kathmandu University
(2010 - 2014)
- **HSEB +2**
Xavier Academy
(2008 - 2010)
- **SLC**
St. Xavier's School
(2008)

Self-motivated, ambitious, experienced and open-minded software engineer with a strong technical background, self-discipline and the ability to work with minimum supervision. Capable of playing a key role throughout a software development lifecycle to ensure maximum accessibility, customer experience and usability. A good team player who thrives on creating engaging, creative and optimal solutions, deadline-oriented with the ability to produce detailed technical specifications from client requirements. Experienced in leading engineering teams, driving technical direction and fostering a culture of accountability and continuous improvement. Adept at bridging the gap between business requirements and technical execution, ensuring high-quality delivery at every stage of the development lifecycle. Proven track record of designing and delivering scalable cloud-based solutions on AWS, with hands-on expertise across the full stack. Passionate about exploring emerging technologies and translating them into practical improvements that drive real business value.

WORK EXPERIENCE

Team Lead (December 2021 - Present)

Whitehat Engineering PVT LTD

- Define system architecture, high-level design and technical proposals
- Ensure adherence to engineering standards (SOLID, clean architecture, DRY)
- Evaluate trade-offs across performance, scalability, cost and maintainability
- Enforce coding standards, best practices and oversee code reviews
- Break down high-level requirements into technical tasks, estimate effort and assign work
- Track sprint velocity, remove blockers and ensure release readiness
- Identify cross-team dependencies and escalate risks before they impact deadlines
- Ensure features are delivered on time while maintaining balance between speed and stability
- Provide regular performance feedback and support career progression planning
- Improve development workflows, optimize deployment pipelines and introduce automation
- Lead incident reviews, implement preventive measures and improve system reliability
- Consult with engineers and security specialists to ensure better software systems and user experience
- Design, build and manage cloud-based applications and services in AWS
- Troubleshoot and resolve issues with cloud infrastructure
- Ensure system security by applying proper security solutions
- Investigate and evaluate new technologies for adoption
- Determine operational feasibility by evaluating problem definitions, requirements and proposed solutions

Senior Software Engineer (November 2019 - December 2021)

Whitehat Engineering PVT LTD (Will IT Nepal PVT LTD)

- Produced clean and efficient code based on specifications using different programming languages
- Designed, maintained, evaluated and optimized software systems
- Consulted with engineers and security specialists for better software systems and user experience
- Provided information by collecting, analyzing and summarizing development and service issues
- Determined operational feasibility by evaluating problem definitions, requirements, solution development and proposed solutions
- Investigated new technologies
- Designed, built and managed cloud-based applications and services in AWS
- Troubleshoot and resolved issues with cloud infrastructure
- Managed continuous integration and development methodology
- Ensured necessary system security by using proper security solutions
- Used AWS tools to solve problems

Senior Software Engineer (October 2017 - February 2023)

Will IT Nepal PVT LTD

- Produced clean and efficient code based on specifications
- Troubleshoot, debugged and upgraded applications
- Led front and back-end development of websites and applications
- Integrated software components and third-party programs
- Took responsibility for all development work and maintained thorough quality control
- Collaborated with cross-functional teams to gather requirements and translate them into scalable technical solutions
- Designed and maintained RESTful APIs to support web and mobile application functionality
- Managed version control workflows using Git (GitHub/GitLab/BitBucket) and enforced branching strategies
- Ensured application security by implementing best practices and conducting code reviews

Senior Full Stack Developer (May 2017 - October 2017)

EBPearls PTY LTD

- Worked in a dynamic environment, responsible for determining all necessary coding requirements for site creation including forms, WooCommerce capability and specialized scripts
- Supervised web developers and designers to write code for ideal website layouts
- Selected necessary tools to match client requirements
- Served as a communication bridge between Project Managers and Developers/Designers
- Architected and delivered end-to-end web solutions covering both frontend and backend development
- Conducted code reviews and enforced coding standards to maintain high-quality deliverables
- Collaborated with clients to understand requirements and translate them into functional specifications
- Optimized website performance, load times and cross-browser compatibility
- Managed deployment processes and maintained staging and production environments

Senior Front-end Developer (August 2014 - May 2017)

EBPearls PTY LTD

- Implemented visual elements that users see and interact with in web applications
- Developed new user-facing features
- Built reusable code and libraries
- Ensured the technical feasibility of UI/UX designs
- Optimized applications for maximum speed and scalability

Intern (May 2014 - August 2014)

EBPearls PTY LTD

- Expanded knowledge on optimizing code, HTML, CSS, JavaScript, jQuery, MySQL, Core PHP and WordPress
- Contributed to frontend tasks including HTML/CSS layouts and JavaScript interactions
- Learned and applied version control practices using Git for collaborative development
- Supported testing efforts by identifying and reporting bugs across various browsers and devices

OTHER TECHNICAL SKILLS

Databases:

SQL (MsSQL, MySQL), GraphQL, MongoDB, PostgreSQL

Cloud & DevOps:

Amazon Web Services (AWS), Microsoft Azure

Version Control:

GitHub, GitLab, BitBucket, SVN, Azure

Design Tools:

Figma, Adobe Photoshop, Adobe Illustrator, Adobe InDesign