Niroj Ghale

Senior Software Developer/Architect

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PROFESSIONAL SUMMARY

Highly-skilled Senior Software Engineer and Web Developer with over 12 years of experience in full project life-cycle management, from design to implementation to continuous integration and testing. Expertise in backend and frontend development, API architecture, and DevOps. Proven track record in developing and maintaining high-traffic websites and ensuring optimal system performance.

Technical Skills

- **Infrastructure & DevOps:** AWS (CloudFront, Route 53, S3, EC2, SQS, Lambda), Azure (Static Web Apps, Functions, Frontdoor), Docker, Kubernetes, CI/CD (Jenkins, Travis, GitLab, Github, Bitbucket), Google Cloud Platform, Firebase
- **Programming & Frameworks:** PHP, Java, Python, .NET (C#), Node.js, React.js, Next.js, Express, Django, Flask
- **Web Development:** HTML, CSS, JavaScript, Drupal (Architecture, Backend, Frontend), LAMP stack, MERN stack
- **APIs & Integration:** REST APIs, Amazon S3, SQS, OKTA, Salesforce, New Relic, Akamai, Memcache, Varnish
- **Database Management:** MySQL, MongoDB, PostgreSQL
- **Agile Methodologies:** Agile/Scrum, JIRA, Confluence
- **Additional Tools:** Git, Shell Scripting, Apache Solr, Xdebug, SEO techniques, Performance Monitoring

SKILLS

- Infrastructure and Architecture design and DevOps
- Software architecture, API Architecture, Development and deployment
- Advanced skill Git workflows and CI & CD with Travis, Jenkins and Gitlab
- Advanced skill of LAMP stack with professional experience of Python, .NET C#
- Amazon Cloud: Cloudfront, Route 53, S3, EC2, SQS, AWS Lambda
- Azure Cloud: Azure Static web apps, Azure function, Frontdoor
- MERN Stack: MongoDB, Nodejs, Next Js, Express, ReactJs, Firebase, Gulp, Grunt and sass
- Agile/scrum environment with Jira workflow and confluence
- Familiar with performance monitoring tool like New Relic and load testing tool
- Experience leading a small dev team and providing necessary help.
- Good experience on SEO, load testing, Regular expression and another API integration
- Good understanding with caching technology including varnish, Akamai and Memcache
- Good experience with high traffic website like si.com and golf.com
- Shell scripting, Linux command and installing and upgrading system and libraries

- Familiar with Twig template and Mustache template
- Apache Solr, Xdebug, and MySQL Query Optimization
- CakePHP, Codeigniter and Symphony
- Deep interest working with NodeJS ES6 + express and ReactJS, Python and DevOps
- Good knowledge of python and Django and flask
- Drupal Architecture, Drupal Backend and Front-end
- Integration Drupal with GatsbyJS and experience with React
- Docker, Kubernetes and DevOps

WORK HISTORY

Senior Developer, 03/2023 to present
The Goal LLC – Remote

- Working with Federal Agency for building websites
- OKTA integration with Drupal application
- Create technical document for Developer and Devops Team
- working with Docker and CI/CD with DevSecOps team
- Working with Javascript/css and adding new features

Senior Software Engineer/Developer, 01/2017 to 03/2023
iHeartMedia – 125 W 55th St, New York

- Architect, Build and Maintain B2B and B2C Website using Drupal 9, React/Javascript/css
- Architected a Drupal 8 multisite platform with 18+ sites running
- Building headless application using Blazor using C# and React JS with Drupal 9
- Converted 150+ WordPress websites into a single managed Drupal 9 CMS and improved the SEO and increased organic visitors.
- Built a small program with Python to pull the data via api and modify ads frequency for each podcast
- Built a real-time web application to manage news + audio.
- Integrate audio with amazon S3 service and protect them from being public.
- Provide technical solutions to business.
- Setup continuous integration and deployment tools.
- Handle migration and data export and import
- Integration Single sign on, Amazon s3fs and Amazon SQS APIs
- Create custom modules, plugins, REST APIs, Publishing Workflow
- Handle PR review and merge, deployment and release management process
- Coordinate with PM and product owners and provide them a technical solution
- Architect the website, create optimized structure, choose right modules and integration with salesforce
- Mentor and help Junior developers and programmers.

Senior Architect / Tech Lead, 6/2016 to 11/2016
MRM Mccann – 622 3rd Ave, New York NY 10017

- Doing code review / Site Architecture and Site Audit
- Involving in communication with clients/vendor along with PM and Account from Technical side
- Providing technical guidance to the PM/Account
- Leading a small dev team with technical guidance and instruction
- Coordinating with PM and account for identifying technical issues/concerns of the project

Senior Software Developer, 10/2013 to 6/2016
Time Inc – 225 liberty st, New York NY 10281

- Worked on si.com and golf.com and many other projects under it from redesign to migrating the content from another CMS. Creating custom Drupal 7 modules most of the time, creating custom templates and hooked with the backend.
- Built a small program in python and imagemagick for image manipulation.
- Migrated a lot of legacy content from another CMS and WordPress to Drupal.
- Created a backend GUI for editors to make it easy for content curation. Create various cron jobs for pulling automated content.
- Patched contrib modules to adjust with CMS requirements. Supporting websites 24/7 during on call.
- Worked on implementing google site search, schema.org, building custom xml sitemap based on google guidelines and some of the best practices to improve the SEO.
- Worked on continuous integration tools Jenkins, TravisCI, Git, Docker, Solr, Akamai
- Worked on Node.js with Express framework using handlebars template,CoffeeScript, SASS, Grunt, Mustache template
- Worked with brightcove API, SSO, Two way authentication, Amazon Cloud, Amazon s3, NewRelic for performance monitor and error tracking for JavaScript and php, Stats API for pulling stats.

Sites: si.com, golf.com, mmqb.si.com, si.com/vault, www.sikids.com

Senior Software Developer, 09/2012 to 10/2013
Flightpath Inc – New York, NY

- Worked on building the back end for various websites using PHP/Drupal 7.
- Worked on creating custom templates and used HTML/CSS and JavaScript to make the website responsive.
- Worked on configuring Apache Solr and Varnish Caching Handling release and deployment process for clients.
- Maintaining website, doing performance testing, site optimization.

Server-Side Developer, 08/2010 to 09/2012
Clearchannel Communication – New York, NY

- Developed a different contest which includes managing prizes, automating emails, contest entry form.
- Made system compatible on smart devices and desktop computers using Jquery Mobile Framework.
- Developed video uploading feature in contest using google YouTube API.
- Created Facebook applications and added contests where they can Like and populate the form.
- Developed a system to locate business in the google map and made searchable in Google MAP using Geocoding API.
- Worked on different API for rewards and contest management using PHP CURL and Parsing XML.
- Worked on all NYC radio stations to customize the content and provide extra features to increase the traffic.
- Making reusable JavaScript and PHP based plugins.
- Working in different internal PHP applications using Codeigniter + IgnitedRecord as ORM with MySQL.

Drupal Developer, 04/2010 to 08/2010
Blackbarn Media – Arlington, VA

- Worked on Drupal 6 sites, built structure and customized themes based on design.
- Converting Photoshop PSD file into HTML/CSS.
- Sites: capitalperform.com and some other websites.

EDUCATION

Bachelors in Computer Science 3rd Year running from CUNY (Queens College)

Bachelor's in business studies: Business, 2001
Tribhuwan University - Kathmandu Nepal
Major Stats with Finance and marketing and taxation

Master in Internet and E-commerce Technology (MIET 2 years): Information Technology, 2003
Web Park Nepal - Kathmandu Nepal
- Learned fundamental concepts and knowledge about computer, Networking, Animation and programming skills.
- Completed web design course using HTML/CSS/JavaScript/Photoshop/Flash
- Completed web development class using PHP/MySQL/ASP with project work
- Completed C and C++ Course
- Completed MySQL and MySQL Server with views and stored procedures
- Finished Java, JFC, applet and JSP course with project work