Quentin T Schmick Jr

SUMMARY

Experienced Senior Engineer dedicated to constantly improving teams, tools, and infrastructure to maximize productivity, minimize downtime, and quickly respond to the changing needs of the business.

HIGHLIGHTS

- Certified Information Systems Security Professional (CISSP)
- Certified Ethical Hacker (CEH)
- CompTIA SME 2015
- Experienced in PHP, JavaScript, C#, ASP.Net, Node.js, Typescript, MySQL & MSSQL

EXPERIENCE

PriceSpider
Irvine, CA

Senior Engineering Manager   05/2017 to Present

Managed multiple teams of geographically distributed engineers across the United States and internationally. Implemented CI/CD processes leveraging unit, integration, and browser-based testing enabling teams to release to production 30+ times a week. Led multiple secondary teams with focuses on security reviews, database maintenance/optimization, and cloud spend. Reviewed and vetted engineering candidates as well as on-boarded new hires. Developed and implemented a yearly and quarterly road map with the executive team.

Focus-N-Fly, Inc
Burlingame, CA

Senior Software Engineer   07/2015 to 05/2017

Oversaw development team handling creation of new features and maintenance of existing code. Established version control, software workflow, and testing processes for the company. Spearheaded new infrastructure creation and migration from dedicated systems to AWS virtualized systems, reducing infrastructure cost 40% while improving capacity 800%. Optimized codebase processing leading to 90% reduction in load time. Created and managed integration endpoints for third party APIs for data syncs and payment processing. Created outward facing APIs for corporate clients to access and process data metrics on their employees.

National Security Agency
Fort Meade, MD

Senior Web Architect   01/2011 to 08/2015

Led team of developers responsible for creation and maintenance of organizational web presence visited by up to 40K unique visitors a year. Spearheaded migration of codebase from proprietary in-house framework to commercially tested and standardized framework, reducing load time from ~3 seconds to ~50MS on average, 57x faster. Created, maintained, and implemented development road map, coding standards documentation, and training plans for development team. Implemented and enforced technology and development standards to reach optimal productivity and align internal development with industry standards. Migrated HTML/CSS design to bootstrap and SASS, implemented proper version control repository technology with SVN then migrated to Git.

Database Administrator

Administered databases with over 1200 tables, supporting over 40 separate applications and hundreds of web pages. Created and maintained database designs, stored procedures, and prepared statements with MySQL. Established proper table normalization and indexing that enhanced query optimization and performance.

Lead Web Developer

Communicated directly with customers to document and refine requirements and perform periodic briefings, of development team status and forecasted projects, to immediate and senior leadership. Duties included transforming user requirements into tangible and defined development requirements, developing web content and applications in accordance with user requirements and development standards, and selecting appropriate technology to meet development needs.

Development Team Trainer

Conducted new members training and ensured proficiency. Provided training on latest industry and technology changes to members. Managed mentoring of team members on technological and industry advancements covering Object Oriented Programming (OOP) in PHP, commercial frameworks, SASS, and SVN/Git. Developed training resources and standard operating procedures for future members to utilize.

United States Air Force
Scott Air Force Base, IL

Web Developer   08/2007 to 01/2011

Handled creation and maintenance of a variety of projects ranging from inter-office to multinational for both web and desktop. Documented application development status and briefed supervision on progress and changes. Interacted with clients to document requirements and brief demonstrations and progress reports. Created proper data structure designs and developed both web and desktop applications. Helped new and existing members complete their on-the-job training.Created database tables, queries, and store procedures for 10 applications; optimized queries and normalized tables on Microsoft SQL Server. Created and designed data diagrams to help with initial application and data structure design phases.

EDUCATION

BACHELOR OF SCIENCE: COMPUTER SCIENCE   Dec. 2015
University of Maryland University College, Adelphia, MD

ASSOCIATE OF APPLIED SCIENCE: INTERNET/NETWORK ENGINEER   2006
Berks Technical Institute, Wyomissing, PA

CERTIFICATIONS

- Certified Information Systems Security Professional (CISSP)
- Certified Ethical Hacker (CEH)

REFERENCES

Available upon request