

Akshay Pawar

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EDUCATION

Master of Science in Computer Science

Graduation: May '18

California State University, Fullerton, CA

Key Courses: Advanced Database Management systems, Web Front End Development, Cloud Computing

Bachelor of Engineering in Computer Engineering

Aug '12 - May '15

K. J. Somaiya College of Engineering, University of Mumbai, India

Key Courses: Object Oriented Software Engineering, Web Engineering, Advanced Internet Technology

Diploma in Computer Engineering

Aug '09 - Jun '12

K. J. Somaiya Polytechnic, University of Mumbai, India

Key Courses: Software Engineering, Relational Database, Java, Web Technology, Software Engineering

SKILLS

Languages: C#, Java, JavaScript, HTML, CSS

Frameworks and Libraries: ASP.NET MVC, NodeJs, jQuery, AngularJS, Bootstrap

Databases: MySQL, MS SQL, T-SQL, MongoDB

Miscellaneous: Ajax, JSON, XML, Google Maps API, REST, WebAPI, OAuth

WORK EXPERIENCE

Web Developer at California state university, Fullerton

Dec '16 - Present

- Assisting team with development and enhancement of internal system applications and applications used for online admission/registration.
- Identifying and fixing various defects in existing .NET application.
- Developing DML queries to make changes in the database as needed by department.

Systems Engineer at Infogain, India

Jul '15 - Jun '16

- Developed modules such as Customer Login/Registration, automated email generation using SMTP to generate and email link to reset password/profile of a customer.
- Developed a code in C# and JavaScript to consume WebAPI to display data on Google maps.
- Identified and fixed defects to deliver robust application.

PROJECTS

Login using Social Networking websites.

Feb '17 - Mar '17

- Developed a web application to enable user login using social networking websites such as Instagram and Facebook.
- Used OAuth mechanism provided by various social networking websites to develop the login process and access basic profile of the user using C#.

Virtual Machine migration detection on public cloud.

Aug '16 - Dec '16

- Detected Virtual Machine migration by calculating the ICMP latencies using an algorithm.
- Implemented migration detection algorithm on .NET platform.

Mobile Device Security using ELockbox.

Jul '14 - May '15

- Implemented AES algorithm for encryption and decryption of data and passwords stored on servers.
- Enforced security in mobile devices using Cloud and location based mechanism.

Online Admission System.

Apr '14-May '14

- Implemented paperless admission system for schools which enabled the student to register, login, view merit, view admission status online.
- Developed portal for the same using PHP, HTML, APACHE, JavaScript, MySQL.

PUBLICATIONS

- "Adopting ELockbox to achieve Mobile Data Security", IJARET. Link: <http://ijaret.org/2.11.html>.
- "Advanced Security Guard with PIR sensor for commercial and residential use", Link: <http://ijaret.org/2.11.html>.