

Dhruvkumar Patel

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Summary

3+ years of professional experience and Computer Science Master with strong algorithmic, excellent programming and development skills. Exceptional experience working on Full Stack, Android Mobile & wear Applications, Big Data and web technologies during work, intern and research experience.

Education

Master of Science - Computer Science Jan 2015 - Dec 2016
Wright State University (WSU), Dayton, Ohio, USA
GPA: 3.57/4.0

Bachelor of Engineering - Computer Engineering, Aug 2010 - Jul 2014
Gujarat Technological University, Ahmedabad, Gujarat, India
GPA: 3.57/4.0

Technical Skills

Programming languages: Java, Ruby, C++, C, Objective-C, C#

Web Technologies: HTML, CSS, JavaScript, json, xml, jQuery, JSF, JSTL, React

Framework: Hibernate, Spring, RCP, SWT

Big Data: Hadoop, AWS

Databases: SQL, MySQL, Oracle Database, SQLite

Misc. Technologies & Tools: Android mobile & wearable APIS, Android Studio, Eclipse, Unity 3D, DICOM medical imaging standard, Cedara image processing Toolkit, cornerstone.

Experience

Associate Senior Software Engineer Aug 2018 - present
Cerner Corporation, Kansas City, MO

- Analyze, Design, implementation and testing of medical image rendering, visualization and manipulation software for diagnosticians, clinicians and health professionals.
- Owned and assisted others in debugging and documenting root cause analysis and resolution.
- Provided client-side support and software release process.
- Quickly making enhancement to existing software with high level design and implementation.
- Participated in code and design reviews to identify moderate issues or deviation from best practices.
- Contributing to the larger Cerner community by participating in Hackathon, Ambassador for experience Cerner day to bring new ideas and elaborate Cerner culture & development process.
- Mentoring newly hired software engineers on react, JavaScript, java based technical projects.
- Organizing team meeting for process improvements and learning new things at team level.
- Prototyped web based medical image rendering & visualization using cornerstone JavaScript library to display interactive DICOM medical images.
- Automated process using Jenkins pipeline structure to run eggplant scripts on Cerner Skyvue daily snapshot.
- Designed C# based integration tester standalone application which integrates with Cerner Skyvue to process different commands such as create bookmark, load study, etc.
- Languages used in Project **Java, C++, JavaScript, C#**

Software Engineer

Feb 2017 – July 2018

Cerner Corporation, Kansas City, MO

- Developed an Eclipse plugin that generates basic java objects during the training program.
- Analyzed, designed, and implemented medical images rendering, visualization and manipulation software (Cerner SkyVue) for clinicians, diagnosticians, and technologists.
- Implemented and tested code through Junit and Mockito frameworks.

