
EXPERIENCE

Microsoft

SDE II

May 2016 - Present

- Working with Office's Excel team for Universal platform(UWP).
- Currently working on a project to support newer complex data types in Excel. Working specifically on creating an interface to present the complex data across all end points of excel(Desktop, iOS, Android and Web).
- Technology: **C++, Java, TypeScript, React Native**

Oracle America Inc.

Senior Software Engineer

Mar 2013 - May 2016

- Worked in a team of 4 to support third party ADF applications in existing framework. The work involved developing a container to host ADF applications, allowing embedding appropriate content in authorized iframes, establishing secure communication link between different domains, managing sessions, supporting single sign on and overall providing a seamless experience for the end user.
- Worked independently on a couple of features for the web client. Implemented a feature to provide freestyle drawing support and save it as a picture. Upgraded a dated HTML text editor to CKEditor with backward compatibility with textual data created with older editors.
- Implemented a PDF viewer and handwriting support for signatures, native playback support for video files, touch-friendly navigation menu(later included in web client as well) for iPad application. Responsible for supporting all new features being developed on iPad Safari and the app and for uptaking latest iOS SDKs.
- Technology: **Java, Javascript(HTML/CSS), Objective-C**

Epic Systems

Software Developer Intern

May 2012 - Aug 2012

- Designed and developed an effective direct manipulation based interface to help hospital staff assess Emergency Department status quickly and take appropriate actions right away.
- Involved providing touch and vector graphics support to facilitate installations on big touch screens at triage stations and very intuitive interface so that the staff can start utilizing the tool with minimal training.
- Technology: **C#**

Intel India Pvt. Ltd.

Software Developer Intern

Jan 2011 - Jun 2011

- Developed a logging based debugging library to let developers easily create logs and figure out root cause of the issue at hand.
- Developed a GUI framework of team's existing UI to make it easily reusable and adaptable by other teams.
- Both projects helped improve team's efficiency by removing unnecessary and time-consuming tasks from developers' work.
- Technology: **C#**

TECHNICAL SKILLS

- Java, Javascript/TypeScript, Objective-C, C/C++, HTML/CSS
- JDeveloper, Eclipse, XCode, Clearcase, Subversion

EDUCATION

M.S. Computer Science

2011 - 2012

Georgia Institute of Technology(Georgia Tech)

B.E. Computer Science, M.Sc. Mathematics

2006 - 2011

Birla Institute of Technology and Science, Pilani(BITS Pilani)

PROJECTS

- **Einthusan Monitor:** A solution to monitor a movie website for latest movies and also to search in existing movies using website's REST services. Published on chrome webstore with 2500+ users. Code available on Github (zambrey).(Javascript, HTML/CSS)
- **zambrey.github.io:** A responsive personal webpage not using any existing responsive frameworks.(AngularJS, HTML/CSS)
- **SalaRead:** A visualization tool for public salaries data of Georgia Tech faculty. We imported and cleaned up publicly available salaries data of last 4 years to Google Fusion Tables. Utilizing that we developed an interactive visualization system using Google Charts plotting data against various parameters to provide more insight to the data.(Javascript(HTML/CSS), Google Charts, Google Fusion Tables)