

# POORVI BURLY PRAKASH

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## EDUCATION

**Master of Science, Computer Science** **Aug 2021 - May 2023**  
University of Southern California, Los Angeles, USA  
**Bachelor of Engineering, Computer Science and Engineering** **Aug 2015 - May 2019**  
Visvesvaraya Technological University, Bengaluru, India

## TECHNICAL SKILLS

**Languages:** Java, JavaScript (ES6), Python  
**Web Development:** HTML5, CSS3, AJAX, Angular, Node.js, Express.js, Java Spring, REST, JSON, Open AI APIs  
**Database:** SQL, MySQL, Oracle, PostgreSQL, MongoDB  
**Tools and frameworks:** Unity, Android, Git, Jira, Microsoft Azure, Google Cloud Platform (GCP), CI/CD pipelines

## PROFESSIONAL EXPERIENCE

**Game Developer & Economy Analyst – Easley Dunn Productions Inc.** **Jun 2023 - present**

- Spearheaded the strategic development of Spurpunk's economy and gameplay, conceptualized heroes, and subgame features for Spurpunk 2.0, & successfully prototyped the heroes and their statistics UI
- Utilized C#, Unity to code, enhance and resolve bugs in collaboration with the RoboRace UI/Backend team

**Software Engineer Intern - UST Global** **Jun 2022 - Aug 2022**

- Designed and developed the Vision Checkout web app with strict adherence to client's branding guidelines &
- attention to detail while working in an Agile environment; this led to a 90% increase in user engagement
- Utilized self-learning skills to rapidly develop and customize the app using Angular and JavaScript, streamlining processes and increasing successful transactions by 30%

**Software Engineer - Thermo Fisher Scientific** **Jul 2019 - Jun 2021**

- Developed web applications that provided an exceptional user experience, implemented functionalities using Angular, HTML, CSS, JavaScript, jQuery while consuming REST API's; Automated tasks, reducing user interactions by 85%, and collaborated with cross-functional teams
- Successfully designed and built 30+ dashboards and 50+ UI modules for Platform for Science Marketplace using HTML, CSS, XML, JavaScript, jQuery
- Led the team in designing and repurposing UI components, resulting in a 90% reduction in development time
- Created 100+ reports using SQL to retrieve real-time data & generated high quality code for interactive modules; improved search functionality by 65% and enhanced visual representation using infographics
- Received the Thermo Fisher "Appreciation" Award for accelerated delivery of the COVID-19 PFS Solution

**Android Developer Intern - GoQLES** **Jan 2019 - Jun 2019**

- Developed the GoQLES mobile app using Java, successfully meeting tight deadlines, achieving 5k+ downloads; documented code, processes, and software functionalities for knowledge sharing

## PROJECTS

**Business search android application & angular website** [*Node.js, Express.js, JavaScript, Angular, Bootstrap, Java, GCP*]

- Built RESTful API's using NodeJS that handled Yelp API calls & deployed it on Google Cloud Platform; Simulated a Yelp-like android app and angular website

**Business search website using Python Flask** [*Python Flask, Git, HTML5, CSS Flexbox, and JavaScript*]

- Implemented a web application using Python Flask to handle requests from the UI and retrieve data from Yelp APIs

**Open AI Research Summarizer** [*Python Flask, Open AI APIs, HTML, CSS, JavaScript, AJAX, Git*]

- Used Open AI's Completions API to extract key data information & generate concise summaries of research papers

**News Google Chrome Extension** [*React, JavaScript, CSS, HTML, NEWS API*]

- Created a Chrome extension to provide with the top 10 news articles related to their searched keyword