

## Samuel Rowe

samuelrowe1999@gmail.com • +91 8310843835

github.com/itssamuelrowe • linkedin.com/in/itssamuelrowe • itssamuelrowe.github.io

---

### Education

#### PRESIDENCY UNIVERSITY

B.Tech, Computer Science and Engineering (CSE), 8.23 CGPA

Bengaluru, India

2017 – 2021

### Experience

#### OneCube Software Solutions

##### Founder / Programmer

Bengaluru, India

2017 – Present

- Founded a service-based startup that specialized in developing custom software for increasing effectiveness of small business owners.
- Led a team of 2 programmers/graphic designers, 1 customer relations manager, and 2 technical writers through 7 projects.
- Acquired experience with various front-end and back-end technologies, including Spring, Hibernate, JavaFX, ReactJS, Material UI, Bootstrap, and jQuery.

#### Google Summer of Code 2020

Developed the module statement and an automatic Pallene to Lua translator for the Pallene programming language, a project that is part of LabLua.

### Activities

**Authored and self-published an eBook titled *The Java Programming Language Manual*, which covers Java in great detail with over 100 examples.**

### Skills

**Languages:** C, C++, Java, Python, HTML, CSS, JavaScript, PHP, Go, Lua

**Frameworks/Libraries:** ReactJS, Material UI, jQuery, Bootstrap, Android SDK, JavaFX, JDBC, Servlets, Spring, Hibernate, Django, Flask

**Database Systems:** MySQL, MongoDB

**Tools:** Inkscape, Openshot, Git, CMake

**Clouds:** Google Cloud Platform

**Natural Languages:** English • Kannada • Tamil • Telugu • Hindi

**Interests:** Cloud Computing • Machine Learning • Web Development • Compiler Design • System Programming

### Certifications

- Earned a certification Google Cloud Platform Fundamentals: Core Infrastructure by Google Cloud on Coursera with grade 92.5%.

### Competitions

- Secured first place in “Code Quest” and “Bug Me Not” events at Anaadyanta Techno-Cultural Fest 2019, organized by Nitte Meenakshi Institute of Technology.
- Secured first place in “Tech-Quiz” event at Techvidya Tech Fest 2019, organized by Sai Vidya Institute of Technology.

### Selected Projects

**Zen:** A general purpose programming language designed to build simple, reliable and efficient programs. The project includes a compiler and a reference implementation of the Zen Virtual Machine (ZVM) powered by Eclipse OMR. (<https://github.com/itssamuelrowe/Zen>, <https://github.com/itssamuelrowe/PulsarVM>)

**JTK:** A library designed for writing applications and libraries in C, which provides core utilities such as collections, unit testing, I/O streams, threads and much more. (<https://github.com/itssamuelrowe/jtk>)