

Omkar Srinivas Prabhu

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EDUCATION

National Institute of Technology Karnataka

B.Tech in Computer Engineering

Jul 2016 - Present

CGPA (1, 2, 3) sem: **9.85, 10, 9.91**

Relevant Courses: Computer Organization and Architecture, Theory of Computation, Data Structures and Algorithms, Digital Design of Systems

Swami Ramakrishna Paramhans Jr. College

Maharashtra State Board HSC, secured 93.69%

Jun 2014 - June 2016

198/200 in Computer Science, 97/100 in Mathematics

Swami Vivekananda High School

Maharashtra State Board SSC, secured 93.83%

Jun 2012 - Mar 2014

99/100 in Mathematics, 98/100 in Science and Technology

TECHNICAL EXPERIENCE

Savemonk, Web Development Intern

Extended and optimized their [main website](#)

Aug 2017 - Jan 2018

Developed CRM portal and adwords page

Worked with AngularJS, Bitbucket, Trello

Learnt about SEO, use of compressed images helping in faster page load with PageSpeed

Insights by Google

TECHNICAL SKILLS

Languages/Markup: C++, C, Java, Javascript, Verilog, HTML

Tools: Android Studio, WebStorm, PyCharm, VS Code, Github, Logisim

Frameworks: AngularJS, ExpressJS, NodeJS, jQuery, Git

DBMS: MongoDB, Firebase

SELECTED PROJECTS

All **projects** and **open source contributions** are available on github.com/omkarprabhu-98

Feedweb

Developed using MEAN (MongoDB, ExpressJS, AngularJS, NodeJS)

A web portal where users can post information on various topics under a category.

Users can also view, comment on, up vote for various posts

Hosted on **Heroku** (feedweb.herokuapp.com)

Modified Enigma Machine

Developed using Verilog and Logisim

A modified implementation of the Enigma machine used in World War II using digital electronics with Computer Aided Design

Guess What

Developed on Android using Firebase with Material Design

Q&A Android app for which a user has to answer a question based on a scrambled images

Course Assistant for Educators

Developed on Android

Android application providing assistance for educators with features like recording attendance, marks, setting reminders for projects, etc with backup functionality

SPlay

Developed on Android, Android application for a dark themed music player

TxtRec

Developed using ExpressJS, AngularJS, NodeJS, with Tesseract Ocr and Leptonica, Node tesseract

Web application for Optical Character Recognition

Basic Chat

Developed on Android with Firebase

Android Chat application in which signed-in users with Firebase Authentication can post text and image messages

ACHIEVEMENTS

Ranked **AIR: 787 / 1.2 million** in JEE Mains 2016

Ranked **AIR: 44 / 1.2 lakh** Secured **187/200** in MHCET 2016

Percentile of **99.91** in Maharashtra State Board HSC Examination

Received Scholarship for Maharashtra State Council of Examination(MSCE) Pune scholarship exams

EXTRA CURRICULAR ACTIVITIES

Executive Member at Web Enthusiasts' Club at NITK