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

TECHNICAL EXPERIENCE

Web Development Intern Savemonk
Worked on main website, made CRM portal and adwords page   Aug 2017 - Jan 2018
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, Python, Javascript, Verilog, HTML, LaTeX
Tools: Android Studio, WebStrom, 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

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

Rapid 54
Developed on Android
Android game in which user selects tiles numbered from 1-54, in ascending order
given a time limit

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