





JOTHIBASU MADHAIYAN

Chindhalpadi, Dharmapuri 

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in/jothibasuoofficial 

jothibasuoofficial.github.io 



OBJECTIVE

To participate as a developer in a work environment and to gain long term employment with a company that is on or looking to be on the cutting edge, a company that puts value on the people and the products they are promoting.



EXPERIENCE

Software Engineer | Strakin Technologies Pvt Ltd

JUN 2018 – PRESENT

Name of the project: GLUKOIN[®]

Project Description: Glukoin helps diabetic people to manage their health better and constantly tracks their health and provides single place to manager their data.

Responsibilities:

- Manage all your medical records.
- Visual reports
- Invite friends and family and build community
- Live update of your lab report status
- Share reports with your friends and family
- Track your diabetic

Name of the project: GLIMS

Project Description: Glukoin Lab Information management system is simple and smart lab workflow management

Responsibilities:

- Smart Billing.
- Easy Workflow management
- Role based access to staff
- Dynamic print configuration
- Smart and easy revenue report
- Multiple branch management

Name of the project: GLUKOIN NODE SERVER

Project Description: Handling requests and managing the interchange of data between the server and the users

Responsibilities:

- Integration of user-facing elements with server side logic
- Design and implementation of low-latency, high-availability, and performant applications
- Writing reusable, testable, and efficient code

Designed STRAKIN website.

URL: <https://www.glukoin.com> , <http://www.strakin.com>

Technologies Used: Angular, NodeJS, MySQL

Intern | Strakin Technologies Pvt Ltd

OCT 2017 – FEB 2018

Name of the project: WebRTC Implementation

Project Description: Learned and developed one-to-one peer video conferencing.

Responsibilities:

- Stream video from your webcam, Stream video with RTCPeerConnection
- Use RTCDataChannel to exchange data
- Set up a signaling service to exchange messages
- Combine peer connection and signaling

URL: <https://www.glukoin.com>

Technologies Used: JavaScript, Redis, HAProxy, HTML, CSS



SKILLS

Programming

- Languages – C, C++, JAVA, PHP, Node.js
- Web – HTML, CSS, JavaScript, Angular JS
- Databases – MySQL, Oracle, MS-Access
- Data Structures and Algorithms

Operating Systems

- Windows – Client Machines and Server Machine (Server 2008)
- Linux – Ubuntu, Fedora
- Mac – OS X Mavericks, macOS High sierra

Tools and Software

- AWS (Amazon Web Services)
- PEGA 7.2
- Android Studio
- ADOBE – Dream Viewer, Photoshop (CS6, CC,7), After Effects, Premium Pro, Illustrator, InDesign
- AOEMI Backupper, PDQ Deploy



EDUCATION

Bachelor of Engineering | Chennai Institute of Technology

2014 – 2018

Computer Science Engineering

8/10 CGPA

Higher Secondary Course Certificate | Annai MHSS Nambipatty Harur

2012 – 2014

State Board, Tamilnadu

Secured 85.33%

Secondary School Leaving Certificate | Annai MHSS Nambipatty Harur

2010 – 2012

State Board, Tamilnadu

Secured 88.8%



PROJECTS

Website Development | Startup Village | Full Stack Development

DECEMBER 2016 – DECEMBER 2016

Developed a website for competitive exams preparation and practice.

URL: <http://www.learnfromzero.co.in>

Technologies Used: HTML, CSS, JavaScript, Java, JSP, Servlets, MySQL

Website Development | College Fest | Front End Development

FEBRUARY 2017

Developed a website for HACKERZ symposium in our college.

URL: <http://www.hackerz2k17.co.in>

Technologies Used: HTML, CSS, JavaScript

Web application Development | Smart Upgraders | Full Stack Development

AUGUST 2017 – OCTOBER 2017

Developed a web application for online printing.

URL: <http://smartupgraders.com>

Technologies Used: Spring Boot Application, MySQL, AWS

Source code : <https://www.github.com/jothibasuoofficial>



ACTIVITIES & HOBBIES

Blog Writing

SINCE 2014

- Personal Blog – Jothibasud
URL – <https://welcometojothibasud.blogspot.com>
- Learning Blog – Smart Upgraders
URL – <https://smartupgraders.blogspot.com>
- Blog Name – Search Anything
URL - <https://searchanythingin.blogspot.com>

Publishing YouTube Videos

SINCE 2014

- Personal Channel – Jothibasud
URL – <https://www.youtube.com/jothibasudofficial>
- Channel Name – Search Anything
URL - <https://www.youtube.com/searchanything>



WORKSHOPS

E-Cell Development | Anna University

SEPTEMBER 2016

Gained a knowledge about entrepreneurship and how an entrepreneurs are differing from other persons. Learned about the quality of Leadership, passion towards our goal, being volunteer and many more things.

Ethical Hacking | Wikitechy

APRIL 2016

Obtained a knowledge of Website Hacking, Network Hacking, Email Hacking and Computer Hacking.



CERTIFICATIONS

Pega | Certified System Architect 7.2

JULY 2017

Secured 89%



PEGA HACKATHONS

Onboarding, Benefits Enrollment

3 STAGES AND 1 CHILD CASE

Used User actions, Decision rules, Report Definitions, Circumstances, Correspondence, Work Parties and Reusing the Sections

Flight Reservation

3 STAGES

Used User actions, Decision rules and Correspondence



AREA OF INTEREST

- Product Development
- Data Structures and Algorithms
- Operating Systems
- Designing and Innovation



VOLUNTEER EXPERIENCE

- As an Invigilator for competitive exams like AIIMS, GATE, RRB, JEE Mains and Bank Exams at ION Digital Zone, Chennai Institute of Technology.
- Technical help for events, campus drives and fest which happened in our college campus.



INDUSTRIAL VISIT

MK Auto Components | Chennai

2014

Learned about casting, strength of material and the industrial exposure in the field of mechanical engineering.

BSNL | Tambaram

2015

Learned and gained a knowledge about how the signals are transmitting and receiving from cell phone tower, and about base station & mobile stations.



PERSONAL DETAILS

Address

Door no: 2/169,
C/O Gunasekeran S,
Chindhalpadi (POST) and (VILL),
Pappireddipatti (TALUK),
Dharmapuri (DISTRICT).
635 302.

Date of Birth

3rd April 1997, Thursday.

Languages Known

- Tamil - Native or bilingual proficiency
- English - Professional proficiency
- Hindi - Proficiency in reading and writing
- Telugu - Proficiency in speaking

Blood Group

O Negative

Gender

Male

Social Media

- Facebook (<https://www.facebook.com/jothibasuoofficialpage>)
- Twitter (<https://www.twitter.com/ImJothiBasu>)
- Portfolio(<https://jothibasuoofficial.blogspot.in>)