

JOGENDRA KUMAR

DEVELOPER · OPEN SOURCE CONTRIBUTOR

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Education

Indian Institute of Technology (Banaras Hindu University) Varanasi

BACHELORS AND MASTERS IN ENGINEERING PHYSICS (INTEGRATED DUAL DEGREE)

Varanasi, India

July 2015 - May 2020

Skills

- **Programming Skills:** Swift, Kotlin, C-Sharp, C++/C, Python, Shell.
- **Web Designing Skills:** Bootstrap, Javascript, SQL, Markdown.
- **Other Technology and Tools:** Git, Xcode, Android Studio, Sketch App, Firebase, Microsoft Visual Studio, Microsoft SQL Server.

Technical Experiences

Google Summer of Code 2018

Remote

STUDENT DEVELOPER

14 May - 06 Aug, 2018

- Worked on FOSSASIA's SUSI iOS App. Implemented interactive features to the app such as 5-Star rating system, Feedback system, Onboarding screens, New actions support as well as Audio and Video capability. **(Project Report)**
- Connected SUSI iOS client to SUSI Smart Speaker, establishing connection without the help of internet.
- Collaborated with developers, reviewed co-developers code and fixed major issues of the app to ensure the app's functionality.

iOS Developer Intern

Bangalore, India

WHEELSTREET INC, YC BACKED

2 - 30 December, 2017

- Developed and Designed the iOS app for Wheelstreet – GO within time constraint of 1 month for **10 million** users.
- Implemented User Registration, Google Map Screen, User Profile, Booking and few other modules by utilizing Google Maps and Places APIs. **(App Store Link) (Source Code Link)**
- Used RESTful web-services to provide connections to backend services and handling data using parsers with JSON format.

iOS Developer

Remote

FOSSASIA

November 2017 - Ongoing

- Maintaining, designing and developing new features for the iOS Apps in Swift and managing Open Source contributions.

Software Development Intern

Mohali, India

VERTEX INFOSOFT PVT. LTD.

01 Jun - 20 July, 2017

- Worked on ASP.NET Web Forms(aspx), ASP.NET MVC, ADO.NET (for Sql Database), C-Sharp Windows Forms.
- Text processing using iTextSharp library and Syncfusion Control. (Search, Extract, Highlight text within PDF)
- Optical Character Recognition processing on scanned images, Pdfs and particular part of document.

Projects

HealthLedger

Bangalore, India

BLOCKCHAIN APPLICATION

October 2018

- Application for tracking Organs donations in hospitals and minimizing the scope of Organ trafficking using Blockchain (Hyperledger) technology. Developed Hyperledger models, written application logics and designed home page. **(Source Code Link)**

Hostel Portal IIT(BHU)

Varanasi, India

WEB PORTAL

March 2018 - Ongoing

- Developing Hostel Portal for Indian Institute of Technology (BHU) to manage hostels related work (Mess, Lost-Found, Individual student profile, Grievance etc) on online portal.
- Leading a team of 5+ developers and designers and reviewed their code.

Technex '17 Website

Varanasi, India

WEBSITE

Aug. 2016 - Feb. 2017

- Front-end Development for Technex 2017 website. **(Source Code Link)**
- Wrote maintainable, scalable, responsive, and cross-browser code.
- Worked with team of 3 members using Git.

Faculty of Law (BHU) Website

Varanasi, India

WEBSITE

July 2018 - Aug. 2018

- Developed and designed official website of Faculty of Law (Banaras Hindu University). (<http://bhu.ac.in/law>)
- Deployed website to the BHU Computer Center Servers. **(Source Code Link)**

Other Projects

- Developing a real time Android chat application. **(Source Code Link)**
- Build website (<http://www.spardha.co.in/>) for Spardha 2017 (Games and Sports festival of IIT Varanasi). **(Source Code Link)**
- Build website (<http://www.iitbhumun.in>) for MUN(Modal United Nation) 2017, IIT Varanasi. **(Source Code Link)**
- More projects can be found [here](#)

Open Source Contributions

GitHub: <https://www.github.com/jogendra>

- Active contributor to **FOSSASIA organization**. Contributed in many big open source organizations. **(Contributions Link)**
- **Mentor** at **Google Code-In 2018**. Mentoring pre-university students. Reviewing students tasks and code.
- **Mentor** at **NJAK Winter of Code 2018**. Mentoring participants from engineering colleges across India.
- Created **4 CocoaPods**, all are open source and available for development use.
- **Mentor** at **Codeheat 2018**. Codeheat is coding contest for FOSSASIA projects on GitHub.
- **GitHub Campus Expert** (<https://githubcampus.expert/jogendra>)

Jan. 2017 - PRESENT

Achievements / Extra Curricular Activities

- **Joint Secretary** of **The Business Club** for session 2017-2018. Organized workshops, events and talks in campus.
- Awarded with **INSPIRE AWARD** by Department of Science and Technology (DST), Govt. of India.
- Attended **Jugaadfest, Hyderabad** as a Speaker. Gave talk on **SUSI.AI** project.
- Member of Tech Team Technex 2017 and Tech Team Spardha 2017. Tech Lead of MUN IIT(BHU) Varanasi 2017.