

Animesh Kumar

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EDUCATION	NITK Surathkal, Mangalore, India ▪ B.Tech. in Computer Science and Engineering A ECS Magnolia Maaruti PU College, Bangalore, India ▪ Class XII (Pre-University Education), PU Board	Aug 2017 – Present CGPA: 9.00/10.00 Apr 2015 – Mar 2017 Aggregate: 91.5%
WORK AND EXPERIENCE	Community Bridge Intern, Kubernetes ▪ Developed and improved CSI drivers for Azure and SMB protocol servers. ▪ Involved with implementing new features, writing tests, documentation and deploying new releases. ▪ Worked with Golang, Kubernetes, gRPC, Azure, Minikube, Helm charts and Shell. Summer Intern, ORACLE, India ▪ Developed a log analyzer for Database migration for Unicode(DMU) assistant. ▪ The tool was developed as a desktop app to be used internally by the Database Globalisation team to analyze logs and generate HTML reports. Developed using Java, Spring boot and free marker. Summer Research Intern, Indian Institute of Science(IISc),Bangalore ▪ Extended a data flow analysis tool to perform precise data flow analysis using Affine Relation Analysis(ARA). Developed using Java and EJML library. Android Development Intern, Digiretail Software India Private Limited ▪ Developed and maintained MyDukan Android application, having 100K+ downloads on Play Store. ▪ Integrated Razorpay payment gateway, refactored UI and developed new features, including, Growbiz.	May 2020 – Jul 2020 May 2020 – Jun 2020 Jun 2019 – Jul 2019 Apr 2019 – May 2019
TECHNICAL SKILLS	Languages/Markups and Scripts - Java, Python, C++, C, Golang, Kotlin, HTML, CSS, JavaScript, Shell. Tools and Frameworks - Android, Firebase, Django, NodeJS, Git, MySQL, ElasticSearch, Kibana, Docker, Kubernetes, Helm, ns-3 network simulator, TensorFlow, Ethereum, Jenkins, Travis CI, LaTeX.	
SELECTED PROJECTS	Decentralized Video Sharing Platform ▪ Decentralized video sharing platform using Python, Flask, block chain and IPFS network. Foodex: Food ordering web application ▪ Successfully developed an interactive food ordering web application using Django, HTML, and CSS. Bargainer: Service hiring Android application ▪ An Android app to hire people for bargaining in local markets. Developed using Java and Firebase. OS simulator ▪ Web application built using C, NodeJS, HTML, CSS to simulate essential operating system algorithms. Mini C Compiler ▪ Developed Lexical, Syntax, Semantic, ICG, Code optimization phases of C compiler using Lex and Yacc. Indian classical dance classification ▪ Implemented on top of RESTNET architecture using Python and TensorFlow. Accuracy: 91% Distributed Restaurant Service ▪ Distributed system to place orders developed using Golang, NATS, gRPC and cockroachDB. Iperf client on ns3-dce ▪ Simulated Iperf by creating a dumbbell topology between one server, two routers and multiple clients. Test-suite for mTCP ▪ The test-suite was developed primary in C++, and ran using containers/VMs.	
ACHIEVEMENTS AND ADDITIONAL ACTIVITIES	▪ Co-mentor for Linux Foundation for Google Summer of Docs(GSoD) . ▪ Open source contributor for Wikimedia , CHAOSS and Kubernetes . ▪ Awarded KVPY Fellowship(2015), NTSE Scholarship(2015). ▪ Awarded Nutanix Hybrid Cloud scholarship on Udacity(2020). ▪ Mentoring: Android development, Deep learning, Kubernetes, Git, and Python.	