

# Vikas Keshavamurthy

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## SUMMARY

Results-oriented senior software developer with 6 years of experience in the Data Security and Telecommunication industry. Proven track record of delivering innovative solutions and leading teams in agile environments. Recognized for invaluable contributions and project delivery, seeking internship opportunities in the summer of 2025

## EDUCATION

**M.S. Computer Science** May 2027  
Arizona State University, Tempe, AZ

**B.E. Computer Science** May 2019  
R.V. College of Engineering, Bangalore 3.33 GPA

## TECHNICAL SKILLS AND CERTIFICATIONS

**Programming Languages:** Java, JavaScript, Bash

**Front-End:** Angular, HTML, CSS, React.js, Bootstrap

**Tools, Databases, and OS:** Node.js, PostgreSQL, MS SQL, Jenkins, GitHub, Docker, Windows, MacOS, Linux/Unix

### Certifications:

- Engineering Excellence Award (2024, Delphix from Perforce)
- Best Talent (2021, Comviva), Heroes of MBS (2020, Comviva)
- SIP, GoLang, React.js, The Complete Node.js Developer Course (3<sup>rd</sup> Edition) on Udemy

## PROFESSIONAL EXPERIENCE

**Delphix by Perforce, India: Senior Software Development Engineer** Jul 2021 – May 2025

At Delphix, a Senior Software Developer focuses on various projects, with a primary emphasis on data masking solutions. One of the significant accomplishments has been the revamping of the user interface (UI) for the masking module, which enhanced both user experience and functionality.

- Designed and implemented new features to enhance product functionality using **Angular** and **Java**.
- Served as the release lead and developer while collaborating with two teams in parallel.
- Remodeled the user interface for the Masking Engine to improve sensitive data masking using **Angular**.
- Troubleshoot existing solutions to enhance performance and reliability, utilizing **JavaScript**, **Java**, **Docker**, and **PostgreSQL**.
- Collaborated with cross-functional teams to gather requirements and delivered high-quality software solutions.
- Mentored junior developers and provided technical guidance to foster their growth.

**Comviva, A Tech Mahindra Company, India: Senior Software Developer** Aug 2019 – Jul 2021

At Comviva, the focus was on developing innovative messaging solutions that utilized SMS, MMS, and USSD technologies. The work involved a diverse range of modern languages and frameworks. Recognition was achieved as a Subject Matter Expert on the SMSC module, contributing significantly to projects such as firewall and SMSHub integrations.

- Designed and developed a comprehensive messaging platform (Project Name: UNO) that efficiently handled the delivery of 4G messages, including **SMS**, **MMS**, and **USSD**, using **GoLang**, **MySQL**, **Oracle DB**, and **Redis**.
- Implemented robust time and volume restrictions for the SMS system and developed an 'Opt-In/Opt-Out Do Not Disturb' feature using Java and **MySQL**.
- Automated the process of uploading and processing supplier prices, streamlining the application of SMS costs using **Node.js**, **React.js**, and **Oracle DB**.

**Comviva, A Tech Mahindra Company, India: Software Engineering Intern** Jan 2019 – May 2019

- Designed activity logs using **Elastic Search** and an automated system for recording all the changes made by the user and adding them to Elastic Search

## PROJECTS

### Self-Tracking Telescope, Class Project

Sep 2025

- Designing and developing a self-tracking telescope (CPS) that integrates sensors, actuators, and real-time computing to autonomously track celestial objects and maintain focus through concurrent feedback loops

### Kavach Webpage, Personal Project

Summer 2020

- Developed an interactive webpage using **Angular** for onboarding and publishing our NGO Team Kavach

## SOFT SKILLS

- Agile methodologies
- Communication Skills
- Mentoring
- Team Player
- Problem-solving

## ACTIVITIES

### Arizona State University, Tempe

Aug 2025 – Present

- Participated in a Hackathon organized by Sun Hacks

### Delphix by Perforce, India: Senior Software Development Engineer

Jul 2021 – May 2025

- Organized team events, fostering a collaborative and engaging work environment in both Comviva and Delphix

### R.V. College of Engineering, India

Aug 2015 – May 2019

- Participated in TCS IT Wiz 2014, conducted by Tata Consultancy Services
- Hosted Utsarga Marathon in R.V. College of Engineering, accommodating 500 runners for the promotion of girl child education
- Prepared an automated system for computing certain formulas for the chemical engineering department
- Participated in EMBARK Ideation held in R.V. College of Engineering
- Won 4th place in the Coding Competition held by the ISE Consultancy, R.V. College of Engineering
- Core Member of the Disciplinary Committee of the 8<sup>th</sup> Mile 2016 held in R.V. College of Engineering

### Vidya Vardhaka Sangha

Aug 2013 – May 2015

- Participated in TCS IT Wiz 2014, conducted by Tata Consultancy Services