JAVEEDPASHA

ASSISTANTPROFESSOR

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EDUCATION

MASTERDEGREE – MCA
COMPUTERAPPLICATION
RajaRajeswariCollegeOfEngineering.
2021-2023 – 80 %

BACHELOR'S DEGREE
BSC–COMPUTER APPLICATION.
FederalCollegeofManagement,
Bangalore University
2018-2021 –78%

HIGHERSECONDARY
ViswaBharathiPuCollege
2016-2018

HIGH SCHOOL
MagnifiqueEnglishSchool
2015-2016

LANGUAGESKNOWN

- English
- Telugu
- Hindi
- Kannada

PROFILE

Dedicated Assistant Professor with **2+ years of teaching experience** in Computer Science, including **1.5 years at Administrative Management College (AMC), Bannerghatta Main Road, Bengaluru**, and **Present Bangalore Integrated Management Academy (BIMA), Pattanagere, Kengeri Main Road (Opp. RV College), Bengaluru**. Specialized in **Programming, Data Structures, and Cybersecurity**, with strong expertise in delivering industry-oriented computer science education. Actively contributes to **NAAC accreditation activities, NSS coordination, and academic discipline committees**. Demonstrates excellence in **student mentoring, curriculum development, research publications, and organizingtechnicalworkshopsandseminars**,fostering both academicand prof essional growth among students.

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INTERNSHIPEXPERIENCE

FullStackDevelopmentIntern–DreamBuzzSolutionsPvt.Ltd.
May2023– July2023

- AssistedindevelopingasimpleStudentManagementApplicationusedto maintain student information and academic records.
- Workedwith the team to design user-friendly screens for entering and managing student details.
- Supportedthedevelopmentprocessbyhelpingorganizedata,testing application features, and identifying improvements.
- Participatedinprojectdiscussions,gainingpracticalexposuretothe software development lifecycle and real-time development practices

WORKEXPERIENCE

AssistantProfessor

AdministrativeManagementCollege.Bengaluru June 2024– November-2025

- Delivered comprehensive lectures on **Data Structures, Problem Solving Techniques, and core programming subjects**, integrating theoretical concepts with practical coding demonstrations to enhance student understanding.
- Guided and mentored undergraduate students in **academic research, project development, and technical presentations**, encouraging innovation and analytical thinking.
- Authoredandpublished**researchpapersinthedomainsofCybersecurity andMachineLearning**,contributingtoacademicresearchandknowledge dissemination.
- **AssistantProfessor**
  Bangalore Integrated Management Academy (BIMA), Bengaluru · Present

Bangalore Integrated Management Academy (BIMA), Bengaluru (Present)
Pattanagere, Kengeri Main Road (Opp. RV College)

- Taught core programming subjects and fundamentals
- Supported student academic development and project work
- Assisted in departmental activities and academic coordination
- Conducted internal assessments and guided practical session

SKILLS

ProgrammingLanguages

- C,C++,Java, Python
- Experienceinwritingprogramsfor problem solving and basic application development.

Web Technologies

- HTML, CSS
- Developed simple web pages and user interfaces for academic projects.

Frameworks&Technologies

- NETFramework
- FlaskFramework
- REST APIs integration for web-based applications.

DatabaseManagement

- MySQL
- Experience in database creation, table design, queries, and data management using SQL.

DevelopmentTools

- VisualStudioCode(VSCode)
- Microsoft Word, Microsoft Excel for documentation and data handling.

SoftSkills

- **Communication Skills** – Effective in delivering lectures, presentations, and explaining technical concepts.
- **Public Speaking** – Experience presenting seminars, workshops, and academic topics.
- **Leadership** – Guided student teams in academic and project activities.
- **Team Management** – Worked collaboratively with teams in projects and research work.
- **Research Thinking** – Ability to analyze problems and develop innovative solutions in data science and machine learning projects.

PROJECTS

Title:CyberSecurePaymentDetectionSystem

- Developed a machine learning–based fraud detection system to monitor and analyze online banking transactions in real time.
- Designedasystemcapableofidentifyingsuspiciouspaymentactivitiesby analyzing transaction patterns and user behavior.
- Appliedmultipleclassificationmodelstodifferentiatebetweenlegitimate and fraudulent transactions.
- Achieved **92%predictionaccuracy**usingtraineddatasetscontainingreal-world transaction records.
- Built a simple and secure web interface to demonstrate fraud detection results and transaction status.
- Implementeddata preprocessing techniques such as handling missing values, normalization, and feature selection to improve model performance.
- Conductedmodelevaluationusingmetricslikeaccuracy,precision,recall, and confusion matrix.

Title:DualServerPublicKeyInfrastructure(PKI)Model

- Designedandimplementedadual-serverPKImodeltoimproveencryption standards in enterprise applications.
- Ensuredimprovedkeymanagementbysplittingthekeydistribution responsibilities between two secure servers.
- Mitigatedsingle-point-of-failureandman-in-the-middleattackswith advanced cryptographic protocols.
- Simulatedreal-timedataencryptionanddecryptionusingJavafortesting the infrastructure model**.**

RESEARCHS

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ACHIVEMENTS

Publication:

- Deep Learning & Cryptocurrency Forecasting – International Journal of Advance Research and Innovative Ideas in Education Paper ID: 21068 | ISSN: 2395-4396.
- BankPaymentScamDetectionUsingMachineLearning–NationalJournal Enhanced.
- SecuritywithDualServerPKI–CybersecurityFocused Research